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| 00/00/1976,V----,N0002, PP 0074-0075<br>ALSO PP 90-94, 98-104, 125-132<br>CONTROL SYSTEMS AND MACHINES 85 PP<br>GUO COPYRIGHT INFO REFER OTHER REQUESTS TO<br>FTD/STINFO<br>FTD-IDIRSIT-1458-77                                                      | # |              |
| UNKNOWN<br>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1976,V----,N0003, PP 0140-0142<br>MAY-JUNE 1976<br>AUTHOR'S LIST 7 PP<br>GUO<br>JPRS L/7032                                                                                              | # | 000000136746 |
| UNKNOWN<br>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1976,V----,N0004, PP 0109-0122<br>JULY-AUGUST 1976<br>CONTROL SYSTEMS AND MACHINES (SELECTED ARTICLES)<br>119 PP<br>GUO COPYRIGHT INFO REFER OTHERS TO FTD/STINFO<br>FTD-IDIRSIT-1456-77 | # | 000000087898 |
| UNKNOWN<br>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1976,V----,N0004, PP 0143-0144<br>JUL-AUG 76<br>AUTHOR'S LIST 5 PP<br>GUO<br>JPRS L/7060                                                                                                 | # | 000000063982 |
| UNKNOWN<br>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1976,V----,N0005,<br>ENGLISH TITLE UNKNOWN<br>*FTD-IDIRSIT-1457-77                                                                                                                       | # | 000000078299 |
| UNKNOWN<br>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1976,V----,N0005, PP 0062-0065<br>ALSO PP 106-110, 113-123<br>CONTROL SYSTEMS AND MACHINES 65 PP<br>GUO COPYRIGHT INFO REFER OTHERS TO FTD/STINFO<br>FTD-IDIRSIT-1457-77                 | # | 000000097032 |
| UNKNOWN<br>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1976,V----,N0006, PP 0007-0044<br>ALSO PP 53-59, 75-98<br>CONTROL SYSTEMS AND MACHINES 278 PP<br>GUO COPYRIGHT INFO REFER OTHER REQUESTS TO<br>FTD/STINFO<br>FTD-IDIRSIT-1259-77         | # | 000000088280 |
| VAL'KOV, VITALIY MIKHAYLOVICH<br>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1976,V----,N0006, PP 0128-0130<br>NOV/DEC 76<br>'ELEKTRONIKA K-2000' MICROELECTRONIC CONTROL<br>COMPLEX AND ITS APPLICATION 5 PP<br>JPRS 69409                     | # | 000000075572 |
| UNKNOWN                                                                                                                                                                                                                                              |   | 000000097538 |

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| <p>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br/> 00/00/1976,V----,N3923, PP 0012-0015<br/> MAY-JUN 76 ALSO PP 32-40, 44-48, 66-72, 86-90,<br/> AND 108-112<br/> CONTROL SYSTEMS AND MACHINES 130 PP<br/> GUD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO<br/> FTD-IDIRSIT-1381-77</p>                                                                                                               | 000000090489 |
| <p>UNKNOWN<br/> //UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br/> 00/00/1977,V----,N----, PP 0007-0013<br/> NO 11271 ALSO 77-81, 98-107, 117-127<br/> CONTROL SYSTEMS AND MACHINES 121 ALSO<br/> GUD COPYRIGHT INFO REFER OTHER REQUEST TO<br/> FTD/STINFO<br/> FTD-IDIRSIT-1531-77</p>                                                                                                               | 000000159451 |
| <p>TOMSHIN, V. K.<br/> //UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br/> 00/00/1977,V----,N----, PP 0070-0074<br/> SEP-OCT 1977 NR. 51311<br/> ORGANIZATION OF A PROGRAMMED SYSTEM OF STEP<br/> MATRIX OPERATIONS IN AIRBORNE COMPUTERS 13 PP<br/> GUD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO<br/> FTD-IDIRSIT-0048-79</p>                                                                         | 000000151012 |
| <p>AYDEYEV, V. YA.<br/> //UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br/> 00/00/1977,V----,N----, PP 0084-0092<br/> NR. 51311 SEPT-OCT 1977<br/> LINKAGE ORGANIZATION PRINCIPLES FOR THE UNIFIED<br/> COMPUTER SYSTEM AND A DIGITAL INTERGRATING<br/> COMPUTER WITH A PROGRAMMED STRUCTURE AND<br/> COMPUTATION 18 PP<br/> GUD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO<br/> FTD-IDIRSIT-2157-78</p> | 000000079515 |
| <p>MYASNIKOV, VLADIMIR ALEKSANDROVICH<br/> //UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br/> 00/00/1977,V----,N0001, PP 0003-0006<br/> JAN-FEB 77<br/> PROGRESS AND IMMEDIATE GOALS IN AUTOMATION OF<br/> CONTROL PROCESSES 7 PP<br/> JPRS 69487</p>                                                                                                                                                  | 000000098105 |
| <p>UNKNOWN<br/> //UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br/> 00/00/1977,V----,N0003,<br/> MAY-JUN 77 END INSERT AND INSIDE COVER<br/> SPECIFICATIONS OF M6000-M7000 ASVT-M COMPUTERS<br/> 5 PP<br/> JPRS 70151</p>                                                                                                                                                                               | 000000098104 |
| <p>BAUBLIS, A. B.<br/> //UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br/> 00/00/1977,V----,N0003, PP 0130-0145<br/> MAY-JUN 77<br/> AUTOMATED ENTERPRISE MANAGEMENT SYSTEM 'LITSTANOK'<br/> 10 PP<br/> JPRS 70151</p>                                                                                                                                                                                  | 000000147182 |
| <p>UNKNOWN<br/> //UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br/> 00/00/1977,V----,N0006, PP 0003-0006</p>                                                                                                                                                                                                                                                                                            |              |

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| NOV-DEC 77<br>UKRAINIAN SSR ACADEMY OF SCIENCES CYBERNETICS<br>INSTITUTE'S GAINS REVIEWED 6 PP<br>JPRS 71052                                                                                                                                                                                                                                    | # |              |
| BAZILEVICH, I. A.<br>//UPRVLAYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1977,V----,N0006, PP 0031-0035<br>NOV-DEC 77<br>DESIGN PRINCIPLES OF A FUNCTIONALLY ORIENTED<br>SCATTERED DATA BANK 10 PP<br>JPRS 71052                                                                                                                                   | # | 000000147183 |
| BERNIKOV, V. F.<br>//UPRVLAYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1977,V----,N0006, PP 0083-0086<br>NOV-DEC 77<br>MINIATURE FERRITE-CORE MAIN MEMORY 7 PP<br>JPRS 71052                                                                                                                                                                       | # | 000000147184 |
| GLUSHKOV, V. M.<br>//UPRVLAYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1977,V----,N0006, PP 0088-0092<br>NOV-DEC 77<br>KEY OBJECTIVES IN AUTOMATION OF LARGE-SCALE<br>INTEGRATED CIRCUIT DESIGN NOTED 7 PP<br>JPRS 71052                                                                                                                           | # | 000000147185 |
| UNKNOWN<br>//UPRVLAYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1977,V0029,N0003,<br>PAGES 15-19, 56-60, 84-90, 135-140<br>CONTROL SYSTEMS AND MACHINES (SELECTED<br>ARTICLES), 82 PAGES<br>DUO COPYRIGHT INFO REFER OTHERS TO FTD/STINFO<br>FTD-ID(RS)T-0361-78                                                                                    | # | 000000116266 |
| MAKSIMENKO, VITALIY IVANOVICH<br>//UPRVLAYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1978,V----,N----, PP 0003-0008<br>NOV-DEC 1978 NO 6(38)<br>STRUCTURE OF THE STATE NETWORK OF COMPUTING CENTER<br>AND COMPLEX OF MATHEMATICAL MODELS FOR DETERMINING<br>ITS MAJOR TECHNICAL CHARACTERISTICS AND<br>TERRITORIAL DISTRIBUTION 3 PP<br>JPRS 74096 | # | 000000207796 |
| ZAYCHENKO, YURIY PETROVICH<br>//UPRVLAYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1978,V----,N----, PP 0008-0012<br>NOV-DEC 1978 NO 6(38)<br>DYNAMIC PROBLEM OF CONTROLLING THE PROCESS OF<br>DEVELOPMENT OF A NETWORK OF COMPUTING CENTERS 1 PP<br>JPRS 74096                                                                                     | # | 000000207797 |
| DIANOV, V. I.<br>//UPRVLAYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1978,V----,N----, PP 0023-0025<br>NO 5(37) SEPT-OCT 1978<br>THE EFFECTIVE USE OF A MINI-COMPUTER MEMORY 6 PP<br>DUO COPYRIGHT INFO REFER OTHERS TO FTD/STINFO<br>AIR/FTD-ID(RS)T-1106-80                                                                                      | # | 000000253550 |
| KONDRAT'YEVA, TAT'YANA VLADIMIROVNA                                                                                                                                                                                                                                                                                                             |   | 000000207806 |

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| <p>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br/> 00/00/1978,V----,N----, PP 0026-0029<br/> NO 61381 NOV-DEC 1978<br/> THE KROS SCHEDULING SUBSYSTEM 1 PP<br/> JPRS 74096</p>                                                                                                                                                                                      | 000000207807 |
| <p>KULINKOVICH, ARNOL'D YEVGEN'YEVICH<br/> //UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br/> 00/00/1978,V----,N----, PP 0030-0033<br/> NOV-DEC 1978 NO 61381<br/> A THREE-LEVEL METHOD OF DISPLAYING GRAPHIC DATA<br/> 1 PP<br/> JPRS 74096</p>                                                                                                                       | 000000207808 |
| <p>DAVIDENKO, KONSTANTIN YAKOVLEVICH<br/> //UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br/> 00/00/1978,V----,N----, PP 0037-0043<br/> NOV-DEC 1978 NO 61381<br/> SOFTWARE METASYSTEM OF AUTOMATED SYSTEM FOR<br/> MANAGEMENT OF TECHNOLOGICAL PROCESSES 2 PP<br/> JPRS 74096</p>                                                                                      | 000000207809 |
| <p>GULYANITSKIY, LEONID FEDOROVICH<br/> //UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br/> 00/00/1978,V----,N----, PP 0043-0047<br/> NO 61381 NOV-DEC 1978<br/> A PROBLEM ORIENTED PROGRAM PACKAGE FOR HANDLING<br/> COMBINATORIAL OPTIMIZATION JOBS 1 PP<br/> JPRS 74096</p>                                                                                          | 000000207810 |
| <p>STEPANOV, PETR LEONIDOVICH<br/> //UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br/> 00/00/1978,V----,N----, PP 0048-0051<br/> NOV-DEC 1978 NO 61381<br/> BASIC PRINCIPLES OF DESIGN OF THE STOP-2<br/> MULTITELEACCESS SYSTEM FOR PREPARING THE CONTROL<br/> PROGRAMS FOR MACHINE TOOLS WITH NUMERICAL PRESET<br/> CONTROL ON YES COMPUTERS 1 PP<br/> JPRS 74096</p> | 000000207811 |
| <p>ZAGUZOVA, LIDIYA KONSTANTINOVNA<br/> //UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br/> 00/00/1978,V----,N----, PP 0051-0054<br/> NOV-DEC 1978 NO 61381<br/> INPUT-OUTPUT FACILITIES IN THE COBOL STANDARD 1 PP<br/> JPRS 74096</p>                                                                                                                                 | 000000207812 |
| <p>BABAYEV, ALEKSANDR ALEKSANDROVICH<br/> //UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br/> 00/00/1978,V----,N----, PP 0055-0056<br/> NOV-DEC 1978 NO 61381<br/> CONCERNING APPLICABILITY OF ONE ALGORITHM TO<br/> SOLUTION OF THE PACKING PROBLEM 1 PP<br/> JPRS 74096</p>                                                                                           | 000000207813 |
| <p>GOLOVKIN, BORIS ARKAD'YEVICH<br/> //UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br/> 00/00/1978,V----,N----, PP 0057-0060<br/> NOV-DEC 1978 NO 61381<br/> THE PROBLEM OF DETERMINING THE PROBABILITY<br/> CHARACTERISTICS OF THE TIME OF EXECUTION OF<br/> COMPUTER PROGRAMS 1 PP<br/> JPRS 74096</p>                                                               |              |

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| <p>KENCHEV, T. TS.<br/> //UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br/> 00/00/1978,V----,N----, PP 0066-0071<br/> NOV-DEC 1978 NO 6(38)<br/> COMPUTATIONAL STRUCTURE WITH GRAPH-PROGRAMMED<br/> CONTROL 1 PP<br/> JPRS 74096</p>                                                                  | 000000207753 |
| <p>AYDEYEV, YADIM ALEKSANDROVICH<br/> //UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br/> 00/00/1978,V----,N----, PP 0071-0077<br/> NOV-DEC 1978 NO 6(38)<br/> ORGANIZING THE INTERFACING BETWEEN MICROCOMPUTERS<br/> AND A HOMOGENEOUS MICROELECTRONIC COMPUTER SYSTEM<br/> 1 PP<br/> JPRS 74096</p> | 000000207754 |
| <p>SHKLYAR, BORIS SEMENOVICH<br/> //UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br/> 00/00/1978,V----,N----, PP 0077-0082<br/> NOV-DEC 1978 NO 6(38)<br/> A RATIONAL MODEL FOR SIMULATING THE OPERATION OF<br/> COMPUTER LOGIC ELEMENTS 1 PP<br/> JPRS 74096</p>                                     | 000000207755 |
| <p>BELTSKIY, ROBERT IZRAILEVICH<br/> //UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br/> 00/00/1978,V----,N----, PP 0082-0084<br/> NOV-DEC 1978 NO 6(38)<br/> TWO PROBLEMS IN INDIRECT CODING OF MICROCOMMANDS<br/> 1 PP<br/> JPRS 74096</p>                                                          | 000000207790 |
| <p>MUKHOPAD, YURIY FEDOROVICH<br/> //UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br/> 00/00/1978,V----,N----, PP 0085-0088<br/> NOV-DEC 1978 NO 6(38)<br/> TABULAR FUNCTIONAL CONVERTERS WITH A LIMITED<br/> NUMBER OF STORABLE CONSTANTS 1 PP<br/> JPRS 74096</p>                                   | 000000207756 |
| <p>KONDALEV, ANDREY IVANOVICH<br/> //UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br/> 00/00/1978,V----,N----, PP 0088-0094<br/> NOV-DEC 1978 NO 6(38)<br/> ON A MATHEMATICAL MODEL OF ANALOG-DIGITAL<br/> CONVERSION 1 PP<br/> JPRS 74096</p>                                                        | 000000207802 |
| <p>DIDENKO, KONSTANTIN IVANOVICH<br/> //UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br/> 00/00/1978,V----,N----, PP 0095-0099<br/> PRINCIPLES OF DESIGN OF A HARDWARE COMPLEX FOR<br/> LOCAL AUTOMATED SYSTEMS FOR MANAGEMENT OF<br/> TECHNOLOGICAL PROCESSES 1 PP<br/> JPRS 74096</p>               | 000000207803 |
| <p>ZABARA, STANISLAV SERGEYEVICH<br/> //UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br/> 00/00/1978,V----,N----, PP 0100-0105<br/> NOV-DEC 1978 NO 6(38)<br/> ON SELECTING THE STRUCTURE OF AN INTERACTIVE<br/> GRAPHIC DESIGNING SYSTEM 1 PP<br/> JPRS 74096</p>                                    | 000000207793 |

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| <p>IVANOV, VLADIMIR ANDREYEVICH<br/> //UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br/> 00/00/1978,V----,N----, PP 0106-0110<br/> NOV-DEC 1978 NO 6(38)<br/> ORGANIZED COMMUNICATION FACILITIES IN DISTRIBUTED<br/> MODULAR AUTOMATED RESEARCH SYSTEMS BASED ON<br/> MINICOMPUTERS 1 PP<br/> JPRS 74096</p> | 000000207732 |
| <p>VINOGRADOV, VYACHESLAV IVANOVICH<br/> //UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br/> 00/00/1978,V----,N----, PP 0110-0115<br/> NOV-DEC 1978 NO 6(38)<br/> THE BASCAL REAL-TIME LANGUAGE FOR PROGRAMMING<br/> CAMAC SYSTEMS 1 PP<br/> JPRS 74096</p>                                                  | 000000207791 |
| <p>ZANIN, VITALIY IVANOVICH<br/> //UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br/> 00/00/1978,V----,N----, PP 0115-0117<br/> NOV-DEC 1978 NO 6(38)<br/> AN AUTOMATED EXPERIMENT SYSTEM FOR REAL-TIME<br/> INVESTIGATION OF THE BEHAVIOR OF BIOLOGICAL<br/> OBJECTS 1 PP<br/> JPRS 74096</p>                | 000000207733 |
| <p>SHMELEVA, YELENA VLADIMIROVNA<br/> //UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br/> 00/00/1978,V----,N----, PP 0121-0124<br/> INFORMATION MODEL OF AN AUTOMATED MANAGEMENT<br/> SYSTEM FOR SUBWAY TRAFFIC<br/> JPRS 74096</p>                                                                          | 000000207682 |
| <p>KORNIYENKO, GRIGORIY IVANOVICH<br/> //UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br/> 00/00/1978,V----,N----, PP 0125-0128<br/> NOV-DEC 1978 NO 6(38)<br/> THE EKSPRESS-1 SYSTEM FOR RAPID ANALYSIS OF<br/> EXPERIMENTAL DATA IN FIELD TESTS OF COMPLEX<br/> OBJECTS 2 PP<br/> JPRS 74096</p>           | 000000207757 |
| <p>VINNITSKIY, VLADISLAV PETROVICH<br/> //UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br/> 00/00/1978,V----,N----, PP 0132<br/> NOV-DEC 1978 NO 6(38)<br/> AUTOMATIC ACKNOWLEDGEMENT RESPONSES IN A SYSTEM<br/> WITH YES COMPUTER AND VIDEOTON-340 1 PP<br/> JPRS 74096</p>                                 | 000000207804 |
| <p>YEFROS, L. B.<br/> //UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br/> 00/00/1978,V----,N----, PP 0136<br/> NOV-DEC 1978 NO 6(38)<br/> ALL-UNION CONFERENCE ON COMPUTING SYSTEMS,<br/> NETWORKS AND TIME-SHARING CENTERS 2 PP<br/> JPRS 74096</p>                                                         | 000000207758 |
| <p>ZABARA, S. S.<br/> //UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br/> 00/00/1978,V----,N0001, PP 0014-0017<br/> JAN/FEB 78<br/> ASPROM AUTOMATED MICROPROGRAMMING SYSTEM: USER'S<br/> POINT OF VIEW 7 PP</p>                                                                                             | 000000140314 |

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| JPRS 71782                                                                                                                                                                                                                                                                                   |              |
| BELOY, V. N.<br>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1978,V----,N0001, PP 0041-0047<br>JAN/FEB 78<br>OPTIMIZATION PRINCIPLES AND RESULTS OF<br>EXPERIMENTAL TESTING OF A PACKAGE OF SUBROUTINES<br>ORIENTED TOWARD THE PREPARATION OF DIALOG AND<br>TRAINING 12 PP<br>JPRS 71782 | 000000140313 |
| KUTSENKO, A. V.<br>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1978,V----,N0001, PP 0098-0100<br>JAN/FEB 78<br>MODEL OF THE SYSTEM FOR COMPLEX AUTOMATION OF<br>LARGE RESEARCH DEVICES BASED ON THE MINICOMPUTER<br>NETWORK 7 PP<br>JPRS 71782                                          | 000000140316 |
| SIDOROV, V. A.<br>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1978,V----,N0001, PP 0101-0103<br>JAN/FEB 78<br>SOFTWARE OF THE RADIUS SYSTEM 6 PP<br>JPRS 71782                                                                                                                          | 000000140304 |
| VINNITSKIY, V. P.<br>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1978,V----,N0001, PP 0127-0132<br>JAN/FEB 78<br>METHOD OF COUPLING THE VIDEOTON-340 VIDEO<br>TERMINAL TO THE INTEGRATED COMPUTER SYSTEM 13 PP<br>JPRS 71782                                                            | 000000140315 |
| DOVGYALLO, ALEKSEY MIKHAYLOVICH<br>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1978,V----,N0002, PP 0012-0020<br>MAR-APR 78<br>AUTOMATED TEACHING SYSTEMS 17 PP<br>JPRS 71612                                                                                                           | 000000152404 |
| BABENKO, LYUDMILA PETROVNA<br>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1978,V----,N0002, PP 0059-0062<br>MAR/APR 78<br>STANDARD DATA PROCESSING MEANS IN COBOL AND PL-1<br>12 PP<br>JPRS 71612                                                                                       | 000000152405 |
| UNKNOWN<br>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1978,V----,N0002, PP 0139-0140<br>MAR/APR 78<br>MEETINGS ON CYBERNETICS DURING SECOND HALF OF<br>1978 6 PP<br>JPRS 71652                                                                                                         | 000000210961 |
| UNKNOWN<br>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1978,V----,N0002, PP 0141-0142<br>MAR/APR 78<br>AUTHORS OF ARTICLES 5 PP                                                                                                                                                         | 000000210962 |

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| JPRS 71652                                                                                                                                                                                                                                                                                                                      | # |              |
| PETROV, A. P.<br>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1978,V----,N0003, PP 0003-0005<br>MAY-JUN 78<br>PROSPECTS FOR CREATION OF A NATIONAL AUTOMATED<br>TRANSPORT CONTROL SYSTEM 6 PP<br>JPRS 71942                                                                                                                 | # | 000000174283 |
| KULAYEV, K.<br>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1978,V----,N0003, PP 0110-0112<br>MAY-JUN 78<br>AUTOMATED CONTROL SYSTEMS IN RAILROAD<br>TRANSPORTATION AND FURTHER DEVELOPMENT OF<br>OPERATIONS WITH RESPECT TO IMPLEMENTING COMPLEX<br>AUTOMATED RAILROAD TRANSPORTATION CONTROL SYSTEM<br>8 PP<br>JPRS 71942 | # | 000000174284 |
| KOROLEV, N. S.<br>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1978,V----,N0003, PP 0116-0118<br>MAY-JUN 78<br>EXPERIENCE IN CREATION OF AN AUTOMATED CONTROL<br>SYSTEM FOR GENERAL-PURPOSE MOTOR TRANSPORTATION<br>IN RSFSR AND PROSPECTS FOR ITS DEVELOPMENT 6 PP<br>JPRS 71942                                           | # | 000000174285 |
| MOTIN, I. A.<br>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1978,V----,N0003, PP 0118-0120<br>MAY-JUN 78<br>CREATION OF A GENERAL-PURPOSE MOTOR TRANSPORTATION<br>AUTOMATED CONTROL SYSTEM IN UKRAINIAN SSR 6 PP<br>JPRS 71942                                                                                             | # | 000000174286 |
| NEVOLIN, V. V.<br>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1978,V----,N0003, PP 0120-0123<br>MAY-JUN 78<br>AUTOMATED CONTROL SYSTEM IN RIVER TRANSPORTATION<br>JPRS 71942                                                                                                                                               | # | 000000174287 |
| ZHOZHAKASHVILI, V. A.<br>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1978,V----,N0003, PP 0123-0125<br>MAY-JUN 78<br>PRINCIPLES OF CONSTRUCTING A UNITED ALL-UNION<br>AUTOMATED SYSTEM FOR ALLOCATION OF SEATS ON<br>AIRCRAFT 5 PP<br>JPRS 71942                                                                           | # | 000000174276 |
| UNKNOWN<br>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1978,V----,N0003, PP 0142-0143<br>MAY-JUN 78<br>AUTHORS APPEARING IN JOURNAL UPRAVLYAYUSHCHIYE<br>SISTEMY I MASHINY 5 PP<br>JPRS 71942                                                                                                                              | # | 000000174277 |
| BRANOVITSKIY, V. I.<br>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//                                                                                                                                                                                                                                                                  | # | 000000286610 |



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| 00/00/1978,V----,N0004, PP 0003-0006<br>MAN-COMPUTER DIALOG FUNDAMENTAL CONCEPTS AND<br>IDEAS<br>NTC 81-10265-098                                                                                                                                | # |              |
| POPOV, G. M.<br>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1978,V----,N0004, PP 0041-0045<br>A SMALL COMPUTER AS A MESSAGE SWITCHING CENTER<br>*FSTC SERIAL NO 430-80                                                                      | # | 000000232010 |
| ALUMYAN, R. S.<br>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1978,V----,N0004, PP 0075-0079<br>AN INTERCHANGEABLE TRANSFORMER TYPE READ ONLY<br>MEMORY UNIT WITH STANDARD INTEGRATED CURCUIT<br>LOGIC ELECTRONICS 9 PP<br>JPRS 73641       | # | 000000166254 |
| LEBEDEV, V. A.<br>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1978,V----,N0004, PP 0136-0139<br>INQUIRY SERVICE FOR ASU'S DESCRIBED 6 PP<br>JPRS 72448                                                                                      | # | 000000154692 |
| UNKNOWN<br>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1978,V----,N0004, PP 0142-0143<br>JUL-AUG 78<br>LIST OF AUTHORS AND ARTICLES PUBLISHED IN JOURNAL<br>'CONTROL SYSTEMS AND MACHINES' 7 PP<br>JPRS 72448                               | # | 000000154683 |
| IVANOV, YU. V.<br>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1978,V----,N0005, PP 0039-0042<br>SEP-OCT 1978<br>AUTOMATED PROGRAMMING SYSTEMS FOR MICROCOMPUTERS<br>DISCUSSED 6 PP<br>JPRS 73084                                            | # | 000000157783 |
| BELYAVSKIY, YE. I.<br>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1978,V----,N0005, PP 0054-0057<br>SEP-OCT 1978<br>AN AUTOMATED SYSTEM FOR PREPARING MINICOMPUTER<br>SOFTWARE 7 PP<br>JPRS 73084                                           | # | 000000157782 |
| CHEREDNICHENKO, N. F.<br>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1978,V----,N0005, PP 0129-0132<br>SEP-OCT 1978<br>A CRT FOR DISPLAYING DISPATCHER DATA 8 PP<br>JPRS 73084                                                              | # | 000000157794 |
| ROTSHCHEYN, A. P.<br>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1978,V----,N0006, PP 0019-0025<br>NOVEMBER-DECEMBER 1978<br>SOME MODELS ESTIMATING THE RELIABILITY OF THE<br>OPERATOR IN AN "OPERATOR-TERMINAL" SYSTEM 13 PP<br>JPRS 73998 | # | 000000180364 |

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| PODZIN, A. YE.<br>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1978,V----,N0006, PP 0034-0037<br>NOVEMBER-DECEMBER 1978<br>A REAL TIME OPERATING SYSTEM ADAPTED FOR CHANGES<br>IN HARDWARE CONFIGURATIONS 8 PP<br>JPRS 73998                                                                                                                                                 | 000000180351 |
| GLUSHKOV, V. M.<br>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1978,V----,N0006, PP 0061-0066<br>NOV/DEC 1978<br>DEVELOPMENT OF THE STRUCTURES OF MULTIPROCESSOR<br>COMPUTERS WITH HIGH LEVEL LANGUAGE INTERPRETATION<br>9 PP<br>JPRS 73998                                                                                                                                 | 000000180365 |
| GURZHIY, V. P.<br>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1978,V----,N0006, PP 0128-0131<br>NOVEMBER-DECEMBER 1978<br>ORGANIZATION OF THE INTERACTION OF TWO REMOTE<br>COMPUTERS USING THE YES COMPUTER HARDWARE AND<br>SOFTWARE 8 PP<br>JPRS 73998                                                                                                                     | 000000180350 |
| BAKAYEV, A. A.<br>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1978,V----,N0006, PP 0133-0134<br>NOV/DEC 1978<br>STATIC MODELING OF QUEUING SYSTEMS<br>JPRS 73998                                                                                                                                                                                                            | 000000180367 |
| UNKNOWN<br>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1978,V----,N0006, PP 0142-0143<br>NOV-DEC 1978<br>LIST OF AUTHORS FOR THE JOURNAL<br>UPRAVLYAYUSHCHIYE SISTEMY I MASHINY 3 PP<br>JPRS 74096                                                                                                                                                                          | 000000207759 |
| SELIVANOV, V. I.<br>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1979,V----,N----, PP 0108-0112<br>NUMBER 6(44)<br>MODULES OF MEMORY DEVICES ON MDP BIS-COMPONENT<br>PARTS OF WIDE APPLICATION 9 PP<br>DUO COPYRIGHT INFO REFER OTHERS TO FTD/STINFO<br>AIR/FTD-ID(RS)T-1857-80                                                                                              | 000000278165 |
| DERKACH, V. P.<br>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1979,V----,N----, PP 0110-0112<br>SEP-OCT 1979: NUMBER 5(43)<br>AUTOMATED PREPARATION OF DATA FOR PHOTSETTERS WHEN<br>FABRICATING INDIVIDUAL PHOTOMASKS IN THE<br>PRODUCTION OF LSI CIRCUITS FOR READ-ONLY MEMORY<br>DEVICES 7 PP<br>DUO COPYRIGHT INFO REFER OTHERS TO FTD/STINFO<br>AIR/FTD-ID(RS)T-1026-81 | 000000290193 |
| DERKACH, V. P.<br>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1979,V----,N----, PP 0110-0112                                                                                                                                                                                                                                                                                | 000000291081 |

SEP-OCT 1979; NUMBER 5143)  
AUTOMATED PREPARATION OF DATA FOR PHOTSETTERS WHEN  
FABRICATING INDIVIDUAL PHOTOMASKS IN THE  
PRODUCTION OF LSI CIRCUITS FOR READ-ONLY MEMORY  
DEVICES 7 PP  
DUO COPYRIGHT INFO REFER OTHERS TO FTD/STINFO  
AIR/FTD-IDIRSI-1026-81

GLUSHKOV, VIKTOR MIKHAYLOVICH  
//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//  
00/00/1979,V----,N0002, PP 0003-0007  
THE BARS SYSTEM, DESIGNATION, STRUCTURE AND  
CHARACTERISTICS 12 PP  
JPRS 74786

000000215492

CHIKHMAN, VALERIY NIKOLAYVICH  
//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//  
00/00/1979,V----,N0002, PP 0091-0094  
SPEECH SIGNAL INPUT-OUTPUT SYSTEM BASED ON THE  
M4030 COMPUTER FOR EXPERIMENTAL INVESTIGATIONS  
OF SPEECH PERCEPTION 6 PP  
JPRS 74786

000000215500

UNKNOWN  
//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//  
00/00/1979,V----,N0002, PP 0094  
ELECTRONIC MODELLING 2 PP  
JPRS 74786

000000215502

GRIGOR'YEVICH, NIKOLAY  
//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//  
00/00/1979,V----,N0002, PP 0107-0109  
A SOFTWARE-HARDWARE COMPLEX BASED ON THE MINSK-32  
AND YES-1022 COMPUTERS 7 PP  
JPRS 74786

000000215493

KOLOMIYETS, G. S.  
//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//  
00/00/1979,V----,N0003, PP 0062-0068  
CHARACTERISTICS OF FLEXIBLE DISK STORAGE  
REVIEWED, COMPARED 14 PP  
JPRS 75062

000000207002

GUSEV, V. V.  
//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//  
00/00/1979,V----,N0006, PP 0009-0015  
CONTROL PROGRAM OF THE COMMUNICATIONS PROCESSOR  
FOR A COMPUTER NETWORK WITH PACKET SWITCHING  
15 PP  
JPRS 75905

000000222585

GAL'PERN, M. P.  
//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//  
00/00/1979,V----,N0006, PP 0051-0056  
USE OF FACILITIES FOR DEBUGGING SPECIFIC  
PROGRAMS FOR THE BROAD PURPOSE  
MICROCOMPUTER FAMILY 8 PP  
JPRS 75905

000000222586

SELIYANOV, V. I.  
//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//  
00/00/1979,V----,N0006, PP 0108-0112  
MEMORY MODULES USING MDP BIS -- BROAD  
USE COMPLEMENTING PRODUCTS 9 PP

000000222586

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| JPRS 75905                                                                                                                                                                                                                                                                                           | # |              |
| KORNIYENKO, G. I.<br>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1979,V----,N0006, PP 0130-0136<br>DIGITAL COMPUTER FOR MULTICHANNEL<br>PROCESSING OF EXPERIMENTAL DATA IN REAL<br>TIME (TSVK "PIRS") 17 PP<br>JPRS 75905                                                                       | # | 000000222569 |
| UNKNOWN<br>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1980,V----,N----, PP 0003-0151<br>CONTROL SYSTEMS AND MACHINES 38 PP<br>JPRS 76313                                                                                                                                                       | # | 000000236336 |
| TSOY, V. N.<br>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1980,V----,N0001, PP 0138-0139<br>JAN-FEB 1980<br>PROGRAMMING P-TECHNOLOGY AND ITS BESH-6, YES, AND<br>SM COMPUTER SUPPORT 3 PP<br>JPRS 77882                                                                                        | # | 000000262028 |
| PERVOZVANSKIY, A. A.<br>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1980,V----,N0002, PP 0107-0110<br>PROGRAM PACKAGE FOR AUTOMATIC ANALYSIS OF<br>ELECTROCARDIOGRAMS 7 PP<br>JPRS 77264                                                                                                        | # | 000000257415 |
| TIKHOMIROV, V. A.<br>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1980,V----,N0002, PP 0126-0128<br>AUTOMATED ARRANGEMENT OF AIRCRAFT EQUIPMENT 5 PP<br>JPRS 77264                                                                                                                               | # | 000000257416 |
| PRZHIYALKOVSKIY, VIKTOR VLADIMIROVICH<br>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1980,V----,N0003, PP 0127-0131<br>CONSTRUCTION CONCEPT AND ENGINEERING-ECONOMIC<br>CHARACTERISTICS OF LARGE-SCALE INTEGRATED MEMORY<br>IN PROSPECTIVE UNIFIED SYSTEM COMPUTERS 10 PP<br>OUO<br>JPRS L/9510 | # | 000000255849 |
| YAKOVLEV, YU. S.<br>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1980,V----,N0005, PP 0016-0021<br>CONSTRUCTION OF HIERARCHIC STORAGE SYSTEMS FOR<br>MICROCOMPUTERS 10 PP<br>OUO<br>JPRS L/9546                                                                                                  | # | 000000249354 |
| KONDAKOV, O. A.<br>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1980,V----,N0005, PP 0025-0028<br>CONSTRUCTION OF A COMMUNICATIONS PROCESSOR FOR<br>A MODELING COMPLEX 2 PP<br>OUO<br>JPRS L/9546                                                                                                | # | 000000249360 |
| RZHENKOVSKIY, N. V.<br>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//                                                                                                                                                                                                                                       | # | 000000249338 |

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| 00/00/1980,V----,N0005, PP 0028-0029<br>FORMS OF DATA REPRESENTATION ON COLOR VIDEO<br>TERMINAL SCREENS 3 PP<br>DUO<br>JPRS L/9546                                                                                                           | # |              |
| NOSOY, L. V.<br>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1980,V----,N0005, PP 0043-0045<br>AUTOMATION OF PROGRAMMING FOR PATTERN GENERATORS<br>AND THE PROBLEM OF COVERING PLANE AREAS WITH<br>RECTANGLES 5 PP<br>DUO<br>JPRS L/9546 | # | 000000249346 |
| GOLOVACH, V. I.<br>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1980,V----,N0005, PP 0051-0056<br>LANGUAGE FACILITIES OF A DISPATCHER CONTROLLING<br>PROBLEMS OF REAL-TIME OPERATING 2 PP<br>DUO<br>JPRS L/9546                          | # | 000000249347 |
| AYZENBERG, A. B.<br>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1980,V----,N0005, PP 0057-0059<br>DEVELOPMENT OF MULTIFUNCTIONAL OPERATING<br>SYSTEMS FOR AGGREGATE SOFTWARE SYSTEMS 1 PP<br>DUO<br>JPRS L/9546                         | # | 000000249348 |
| BASIN, YU. A.<br>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1980,V----,N0005, PP 0059-0064<br>OS-NTS-1 SYSTEM SUPERVISOR RUN ON ELEKTRONIKA<br>NTS-1 8 PP<br>DUO<br>JPRS L/9546                                                        | # | 000000249355 |
| YUKHIMENKO, G. V.<br>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1980,V----,N0005, PP 0089-0093<br>"INTERFACE" PROGRAMMING LANGUAGE FOR<br>ELEKTRONIKA-100 2 PP<br>DUO<br>JPRS L/9546                                                   | # | 000000249345 |
| SELYANEV, V. I.<br>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1980,V1979,N0006, PP 0108-0112<br>NOV-DEC 80<br>LSI MEMORY MODULES AS COMPLETE GENERAL PURPOSE<br>EQUIPMENT<br>*FTD-IDIRSIT-1857-80                                      | # | 000000266132 |
| LIPAYEV, V. V.<br>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1980,V1980,V0001, PP 0032-0036<br>JAN-FEB 1980<br>SYSTEM OF AUTOMATION OF TECHNOLOGY OF CONTROL<br>PROGRAM COMPLEXES DEVELOPMENT 5 PP<br>*FTD-IDIRSIT-1174-81             | # | 000000288686 |
| LIPAYEV, V. V.                                                                                                                                                                                                                               |   | 000000294832 |

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| <p>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br/> 00/00/1981,V----,N----, PP 0032-0036<br/> NUMBER 1(45) JAN-FEB 1981<br/> A SYSTEM FOR AUTOMATING THE TECHNOLOGY OF THE<br/> DEVELOPMENT OF CONTROL PROGRAM PACKAGES FOR<br/> MICROPROCESSORS AND MICROCOMPUTERS (TEMP) 11 PP<br/> DUO COPYRIGHT INFO REFER OTHERS TO FTD/STINFO<br/> AIR/FTD-ID(RS)T-1174-81</p> | 000000262030 |
| <p>UNKNOWN<br/> //UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br/> 00/00/1981,V----,N0001, PP 0003-0004<br/> JAN-FEB 1981<br/> THE RESULTS FOR THE 10TH FIVE-YEAR PLAN IN THE<br/> CREATION AND USE OF COMPUTER TECHNOLOGY 3 PP<br/> JPRS 77882</p>                                                                                                                    | 000000262061 |
| <p>GADASIN, V. A.<br/> //UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br/> 00/00/1981,V----,N0001, PP 0020-0025<br/> JAN-FEB 1981<br/> A COMPLEX OF INTERACTIVE MODELING OF THE TOPOLOGY<br/> OF COMMUNICATION IN LARGE TERRITORIAL COMPUTER<br/> CENTER NETWORKS WITH REGARD TO RELIABILITY 3 PP<br/> JPRS 77882</p>                                                   | 000000262029 |
| <p>BOYANOV, K. L.<br/> //UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br/> 00/00/1981,V----,N0001, PP 0032-0036<br/> JAN-FEB 1981<br/> MULTIMICROPROCESSOR ARCHITECTURE OF COMPUTER<br/> SYSTEMS PERMITTING DIRECT INTERPRETATION OF<br/> HIGH-LEVEL LANGUAGES 3 PP<br/> JPRS 77882</p>                                                                                 | 000000262062 |
| <p>SERYKOV, G. S.<br/> //UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br/> 00/00/1981,V----,N0001, PP 0071-0073<br/> JAN-FEB 1981<br/> BATCH TELEPROCESSING SOFTWARE FOR A SUBSCRIBER<br/> COMPUTER NETWORK 6 PP<br/> JPRS 77882</p>                                                                                                                                    | 000000262027 |
| <p>SHELIKHOV, A. A.<br/> //UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br/> 00/00/1981,V----,N0001, PP 0134-0137<br/> JAN-FEB 1981<br/> NEW UNIFIED SYSTEM COMPUTER UNITS 8 PP<br/> JPRS 77882</p>                                                                                                                                                                     | 000000285452 |
| <p>UNKNOWN<br/> //UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br/> 00/00/1981,V----,N0002, PP 0003-0006<br/> MAR-APR 1981<br/> MAIN DIRECTIONS OF DEVELOPMENT IN COMPUTER<br/> INDUSTRY REVIEWED 5 PP<br/> JPRS 78456</p>                                                                                                                                              | 000000285456 |
| <p>DORIY, YANOSH PAVLOVICH<br/> //UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br/> 00/00/1981,V----,N0002, PP 0101-0104<br/> MAR-APR 1981<br/> MULTIPURPOSE PROGRAMMED REMOTE PROCESSOR FOR<br/> USER STATIONS OF COLLECTIVE-USE COMPUTER CENTER</p>                                                                                                                   |              |

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| 8 PP<br>JPRS 78456                                                                                                                                                                                                                                 | # |              |
| FOKIN, YURIY ARSEN'YEVICH<br>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1981,V----,N0002, PP 0134-0135<br>MAR-APR 1981<br>SYSTEM FOR SETTING UP AND OPERATING A DATA BASE<br>ON M6000 ASVT-M MAGNETIC DISKS 4 PP<br>JPRS 78456               | # | 000000285455 |
| MAKSIKEY, G. A.<br>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1981,V----,N0003, PP 0062-0067<br>MAY-JUN 1981<br>PROBLEM SOLVING PROCESS INTERPRETER FOR<br>MINICOMPUTERS USING UNIFIED SERIES OF<br>ELECTRONIC COMPUTERS 10 PP<br>JPRS 79294 | # | 000000291810 |
| ARTEMOV, YU. I.<br>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1981,V----,N0003, PP 0071-0072<br>MAY-JUN 1981<br>PROGRAM PREPARATION SYSTEM FOR K5801K80<br>MICROPROCESSOR 3 PP<br>JPRS 79294                                                 | # | 000000291811 |
| NECHESIN, YE. G.<br>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1981,V----,N0003, PP 0100-0106<br>MAY-JUNE 1981<br>HYDROPHYSICAL INSTRUMENTATION AND COMPUTER COMPLEX<br>10 PP<br>JPRS 79342                                                  | # | 000000290001 |
| NECHESIN, YE. G.<br>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1981,V----,N0003, PP 0100-0106<br>MAY-JUN 1981<br>HYDROPHYSICAL INSTRUMENTATION AND COMPUTER<br>COMPLEX 11 PP<br>JPRS 79294                                                   | # | 000000291815 |
| ALKIN, I. K.<br>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1981,V----,N0003, PP 0124-0127<br>MAY-JUN 1981<br>HARDWARE AND SOFTWARE COMPLEX FOR CLASSIFYING<br>NOISE SIGNALS 6 PP<br>JPRS 79294                                               | # | 000000291814 |
| BREYEV, V. P.<br>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1981,V----,N0003, PP 0141-0142<br>MAY-JUN 1981<br>WORKING GROUP ON PROGRAMMING TECHNOLOGY 4 PP<br>JPRS 79294                                                                     | # | 000000291804 |
| YEREMEYEV, IGOT' SEMENOVICH<br>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1981,V----,N0004, PP 0059-0063<br>JULY-AUG 1981<br>SOME FUNCTIONS AND STRUCTURES OF INTELLIGENT                                                                    | # | 000000295149 |

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| <p>INFORMATION FORM CONVERTERS 8 PP<br/>JPRS 79781</p>                                                                                                                                                                                                                                                     |              |
| <p>KORNIYENKO, GRIGORIY IVANOVICH<br/>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br/>00/00/1981,V----,N0004, PP 0064-0068<br/>JULY-AUG 1981<br/>DISTINCTIVE FEATURES OF ARCHITECTURE AND<br/>STRUCTURE OF PROBLEM-ORIENTED BASIC COMPUTER<br/>FOR PROCESSING DATA OF FULL-SCALE TESTS 8 PP<br/>JPRS 79781</p> | 000000295150 |
| <p>ORDYNTSEV, VYACHESLAV MIKHAYLOVICH<br/>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br/>00/00/1981,V----,N0004, PP 0068-0076<br/>JUL-AUG 1981<br/>SYNTHESIS OF CONTROL DEVICES WITH VARIABLE<br/>TIME DIAGRAM 14 PP<br/>JPRS 79781</p>                                                                       | 000000295151 |
| <p>GLUSHKOV, VIKTOR MIKHAYLOVICH<br/>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br/>00/00/1981,V----,N0005, PP 0003-0008<br/>SEP-OCT 1981<br/>UNIFIED COMPUTER SYSTEM TRANSPORT STATION 11 PP<br/>JPRS 80411</p>                                                                                              | 000000306171 |
| <p>GOLYSHEV, LEONID KONSTANTINOVICH<br/>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br/>00/00/1981,V----,N0005, PP 0009-0010<br/>PROBLEMS OF PRACTICAL CONSTRUCTION OF REGIONAL<br/>COMPUTER CENTER NETWORKS 4 PP<br/>JPRS 80411</p>                                                                           | 000000306160 |
| <p>VOKHOMSKIY, OLEG ANATOL'YEVICH<br/>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br/>00/00/1981,V----,N0005, PP 0033-0036<br/>SEP-OCT 1981<br/>PROBLEM OF DATA GATHERING, TRANSMISSION AND<br/>PREPROCESSING IN AUTOMATED TRANSPORT CONTROL<br/>SYSTEM 8 PP<br/>JPRS 80411</p>                                | 000000306164 |
| <p>NEMOLOCHNOV, OLEG FOMICH<br/>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br/>00/00/1981,V----,N0005, PP 0037-0042<br/>SEP-OCT 1981<br/>INDUSTRIAL TEST DESIGN AUTOMATION SYSTEM 11 PP<br/>JPRS 80411</p>                                                                                                    | 000000306165 |
| <p>SKVORTSOV, ALEKSANDR YEVGEN'YEVICH<br/>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br/>00/00/1981,V----,N0005, PP 0057-0061<br/>SEP-OCT 1981<br/>DESIGN AUTOMATION AND PRODUCTION PREPARATION<br/>SYSTEM FOR PROGRAMMED ROM FOR ELEKTRONIKA 85<br/>MICROCOMPUTERS 8 PP<br/>JPRS 80411</p>                   | 000000306166 |
| <p>KRASAVTSEV, VALERIY ALEKSANDROVICH<br/>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br/>00/00/1981,V----,N0005, PP 0062-0067<br/>SEP-OCT 1981<br/>CHECK SYSTEM OF MICROCOMPUTER BUILT ON BASIS OF</p>                                                                                                        | 000000306167 |



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| K580IK80 LSI 10 PP<br>JPRS 80411                                                                                                                                                                                                                                   | # |              |
| GOVOR, VADIM IVANOVICH<br>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1981,V----,N0005, PP 0084-0087<br>SEP-OCT 1981<br>BASIC SOFTWARE FOR EPP A5433 GRAPHICAL DISPLAY<br>5 PP<br>JPRS 80411                                                                  | # | 000000306161 |
| LAVRENT'YEV, SERGEY IVANOVICH<br>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1981,V----,N0005, PP 0129-0130<br>SEP-OCT 1981<br>DEVICE FOR DISPLAYING SYMBOLIC INFORMATION ON<br>PLASMA PANEL 4 PP<br>JPRS 80411                                               | # | 000000306168 |
| SHELKHNOV, ANATOLIY ANATOL'YEVICH<br>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1981,V----,N0005, PP 0131-0134<br>SEP-OCT 1981<br>NEW UNITS FOR UNIFIED SYSTEM OF COMPUTERS 9 PP<br>JPRS 80411                                                               | # | 000000306177 |
| BOYUN, VITALIY PETROVICH<br>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1981,V----,N0005, PP 0135-0136<br>SEP-OCT 1981<br>DATA PROCESSING IN PARALLEL 4 PP<br>JPRS 80411                                                                                      | # | 000000306154 |
| DUBROV, YAKOV ALEKSANDROVICH<br>//UPRAVLYAYUSHCHIYE SISTEMY I MASHINY//<br>00/00/1981,V----,N0005, PP 0137-0138<br>SEP-OCT 1981<br>SYSTEMS RESEARCH AND ITS APPLICATIONS 4 PP<br>JPRS 80411                                                                        | # | 000000306155 |
| UNKNOWN<br>//UPRAVLYAYUSHCHIYE SISTEMY//<br>00/00/1978,V----,N0005, PP 0142-0143<br>SEP-OCT 1978<br>AUTHORS, AFFILIATIONS, AND ARTICLE TITLES FROM<br>CYBERNETICS JOURNAL 6 PP<br>JPRS 73031                                                                       | # | 000000156919 |
| UNKNOWN<br>//UPRAVLYAYUSHCHIYE VYCHISLITEL'NYE MASHINY I PR OGRAMMIROVANIYE NA ZHELEZNODOROZHNOY TRANSPORTE//<br>00/00/1976,V----,N----, PP 0002<br>ALSO PP 333-336<br>COMPUTER APPLICATION IN RAIL TRANSPORTATION<br>DESCRIBED 6 PP<br>FOUO<br>JPRS L/7795        | # | 000000150537 |
| EYLER, A. S.<br>//UPRAVLYAYUSHCHIYE VYCHISLITEL'NYE MASHINY I PR OGRAMMIROVANIYE NA ZHELEZNODOROZHNOY TRANSPORTE//<br>00/00/1977,V----,N----, PP 0003-0005<br>ALSO PP 324-330, 333-0346<br>CONTROL COMPUTERS AND PROGRAMMING IN RR TRANSPORT<br>MSC/CSS/W31-023-79 | # | 000000179191 |

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| UNKNOWN<br>//UPRAVLYAYUSHICHYE SISTEMY I MASHINY//<br>00/00/1974,V----,N0004, PP 0131-0137<br>SOME FEATURES OF THE UNIT OF THE NEW EYM<br>MODELS AND THE NAIRI SYSTEMS 39 PP<br>GUD COPYRIGHT MATERIAL OTHERS REFER TO FTD<br>AIR/FTD-MT-0654-75                                                                                                                                      | 000000015135 |
| GUMINSKA, ZOFIA<br>//UPRAWA HYDROPONICZNA ROSLIN//<br>00/00/1966,V----,N----,<br>THE HYDROPONIC CULTURE OF PLANTS 146 PP<br>NTIS TT 74-54065                                                                                                                                                                                                                                          | 000000041791 |
| GUMINSKA, ZOFIA<br>//UPRAWA HYDROPONICZNA ROSLIN//<br>00/00/1966,V----,N----, PP 0001-0148<br>HYDROPONIC CULTURE OF PLANTS<br>*NTIS-TT-74-54065                                                                                                                                                                                                                                       | 000000007450 |
| GUMINSKA, Z.<br>//UPRAWA HYDROPONICZNA ROSLIN, WORCLAW//<br>00/00/1966,V----,N----,<br>THE HYDROPONIC CULTURE OF PLANTS 146 PP<br>BLD TT-74-54065                                                                                                                                                                                                                                     | 000000268962 |
| IVANOVA, V<br>//UPROCHENIYE METALLOV VOLOKNAMI//<br>00/00/1973,V----,N----, PP 0001-0005<br>ALSO PP 205-208<br>STRENGTHENING METALS WITH FIBERS<br>FSTC-HT-23-529-75                                                                                                                                                                                                                  | 000000047772 |
| BALTER, M. A.<br>//UPROCHENIYE DETALEY MASHIN//<br>00/00/1978,V----,N----, PP 0134-0145<br>COMBINATION METHODS OF IMPROVING THE<br>STRUCTURAL STRENGTH OF HIGH-STRENGTH STEEL<br>PARTS: THE USE OF REFINED STEEL IN CONJUNCTION<br>WITH SURFACE PLASTIC DEFORMATION AND VOLUME<br>DEFORMATION STRENGTHENING IN CONJUNCTION WITH<br>SURFACE PLASTIC DEFORMATION<br>ARM/FSTC/HT-0736-81 | 000000312260 |
| BALTER, M. A.<br>//UPROCHENIYE DETALEY MASHIN//<br>00/00/1978,V----,N----, PP 0134-0182<br>COMBINATION METHODS OF IMPROVING THE STRUCTURAL<br>STRENGTH OF HIGH-TENSILE STEELS 65 PP<br>GUD COPYRIGHT INFO REFER OTHERS TO FSTC<br>ARM/FSTC-HT-0920-79                                                                                                                                 | 000000211139 |
| BALTER, M. A.<br>//UPROCHENIYE DETALEY MASHINOSTROYENIYE//<br>00/00/1978,V----,N----, PP 0134-0182<br>COMBINATION METHODS OF IMPROVING THE STRUCTURAL<br>STRENGTH OF HIGH-STRENGTH STEEL PARTS (CHAPT 4<br>AND THE APPLICABLE BIBLIOGRAPHY)<br>*FSTC SERIAL NO 920-79                                                                                                                 | 000000185156 |
| UNKNOWN<br>//UPROCHENIYE DETALEY MASHINY//<br>00/00/1978,V----,N----, PP 0134-0182<br>COMBINATION METHODS OF IMPROVING THE STRUCTURAL                                                                                                                                                                                                                                                 | 000000217478 |

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| STRENGTH OF HIGH-TENSILE STEELS 65 PP<br>DUO COPYRIGHT INFO REFER OTHERS TO FSTC<br>ARM/FSTC-HT-0920-79                                                                                                                                                                                                                                             | # |              |
| IYANOV,<br>//UPROCHNENIYE METALLOV VOLOKAMI//<br>00/00/1973,V----,N----, PP 0167-0204<br>2 CHAPTERS<br>STRENGTHENING OF METALS BY MEANS OF FIBERS<br>*FTD-IDIRSIT-0224-79                                                                                                                                                                           | # | 000000153014 |
| IYANOVA, V. S.<br>//UPROCHNENIYE METALLOV VOLOKAMI//<br>00/00/1973,V----,N----, PP 0167-0204<br>STRENGTHENING OF METALS BY MEANS OF FIBERS (CHAPT<br>6 AND 7) 68 PP<br>FTD-IDIRSIT-0224-79                                                                                                                                                          | # | 000000211477 |
| STEPANOV, G. V.<br>//UPROGO-PLASTICHESKOYE DEFORMIROVANIYE MATERIALOV POD DEYSTVIYEM IMPUL'SNYKH NAGRUZOK//<br>00/00/1979,V----,N----, PP 0001-0268<br>ELASTOPLASTIC DEFORMATION OF MATERIALS UNDER THE<br>ACTION OF PULSATING LOADS 588 PP<br>DUO COPYRIGHT INFO REFER OTHERS TO FTD/STINFO<br>AIR/FTD-IDIRSIT-0992-81                             | # | 000000306915 |
| SHCHEDRIN, N. N.<br>//UPROSHCHENIE ELEKTROCHESKIKH SISTEM PRI MODELIROVANII//<br>00/00/1966,V----,N----,<br>SIMPLIFICATION OF ELECTRICAL SYSTEM<br>FOR MODELING<br>NTIS TT 70 57222                                                                                                                                                                 | # | 000000037834 |
| AZIMOV, S. A.<br>//UPRUGIYE I NEUPRUGIYE SOUDARENIYA CHASTITS BOLSHOY ENERGIY S NUKLONAMI I YADRAMI TASHKENT//<br>00/00/1975,V----,N----, PP 0082-0118<br>COHERENT PRODUCTION OF PARTICLES IN INTERACTIONS<br>ENERGY OF HIGH PROTONS WITH ATOMIC NUCLEI 83 PP<br>DUO COPYRIGHT INFORMATION REFER OTHER REQUEST TO<br>FTD<br>AIR/FTD-IDIRSIT-1522-76 | # | 000000080334 |
| STEPANOV, G. V.<br>//UPRUGO PLASTICHESKOYE DEFORMIROVANIYE MATERIALOV PROF DEYSTVIYEM IMPUL'SNYKH NAGRUZOK//<br>00/00/1979,V----,N----, PP 0001-0268<br>ELASTO-PLASTIC STRAIN OF MATERIALS UNDER THE<br>EFFECT OF PULSE LOADS<br>*FTD-IDIRSIT-0992-81                                                                                               | # | 000000288291 |
| KISHKIN, B. P.<br>//UPRUGOST I NEUPRUGOST//<br>00/00/1971,V----,N----, PP 0253-0260<br>SEVERAL SPECIAL FEATURES OF THE FATIGUE<br>STRENGTH OF GLASS FIBER REINFORCED PLASTIC<br>FSTC-HT-23-0068-75                                                                                                                                                  | # | 000000005405 |
| TIUNEYEV, I. M.<br>//UPRUGOST I NEUPRUGOST//<br>00/00/1975,V----,N0004, PP 0190-0198<br>PROCESSING OF THE EXPERIMENTAL RESULTS ON<br>POLYMER MATERIALS BY MEANS OF THE NONLINEAR THEORY<br>OF ANISOTROPIC MEDIA<br>NTC 78-12044-20K                                                                                                                 | # | 000000141132 |

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| <p> NALIYKIN, O. V.<br/> //URAGANNY, BURI I SMERCHI. GEOGRAFICHESKIE OSOBNOSTI I GEOLOGICHESKAAIA DEIATELNOST//<br/> 00/00/1969,V----,N----, PP 0001-0487<br/> HURRICANES, STORMS AND TORNADOES. GEOGRAPHIC<br/> CHARACTERISTICS AND GEOLOGICAL ACTIVITY<br/> *NTIS-TT-75-52013 </p> | 00000007451  |
| <p> MASLE, N. N.<br/> //URAINSKII KHIMICHESKII ZHURNAL//<br/> 00/00/1976,V0042,N0009, PP 0986-0991<br/> PROTONIZATION AND STATE IN ACID SOLUTIONS OF SOME<br/> BASIC DYES IN EXTRACTION PHOTOMETRIC ANALYSIS<br/> ALLERTON PRESS, INC. </p>                                          | 000000124614 |
| <p> KORSHUNOV, L. G.<br/> //URAL POLITICAL INSTITUTE TRANSLATIONS//<br/> 00/00/1969,V----,N----, PP 0053-0057<br/> EFFECT OF SLIDING FRICTION MODES ON EXOELECTRON<br/> EMISSION PARAMETERS 5 PP<br/> FTD-HC-23-1844-71 </p>                                                         | 000000107526 |
| <p> BAYDAKOV, BORIS<br/> //URAL//<br/> 00/04/1974,V----,N0004, PP 0136-0139<br/> INDUSTRIAL AID PLANNED FOR CENTRAL URALS 7 PP<br/> JPRS 62483 </p>                                                                                                                                  | 000000038982 |
| <p> DOVGOPOL, VITALII IVANOVICH<br/> //URAL//<br/> 00/00/1977,V----,N0005, PP 0104-0112<br/> PRESENT AND FUTURE OF URALS METALLURGY DISCUSSED<br/> 16 PP<br/> JPRS 69909 </p>                                                                                                        | 000000089358 |
| <p> LIKHOSSHERST, KONSTANTIN<br/> //URAL//<br/> 00/02/1978,V----,N0002, PP 0005-0020<br/> AUTOBIOGRAPHICAL SKETCH OF URAL MILITARY DISTRICT<br/> FIRST DEPUTY COMMANDER 18 PP<br/> JPRS 71357 </p>                                                                                   | 000000128403 |
| <p> ALEKSANDROV, K.<br/> //URAL//<br/> 00/08/1978,V----,N0008, PP 0112-0116<br/> TYUMEN' DEVELOPMENT DISCUSSED 10 PP<br/> JPRS 72247 </p>                                                                                                                                            | 000000141677 |
| <p> UDACHIN, VLADIMIR<br/> //URAL//<br/> 00/08/1978,V----,N0008, PP 0117-0124<br/> SOYUZ PIPELINE CONSTRUCTION PROGRESS 15 PP<br/> JPRS 72247 </p>                                                                                                                                   | 000000141684 |
| <p> ZAKIROV, IL'DUS<br/> //URAL//<br/> 00/11/1978,V----,N0011, PP 0112-0121<br/> PRIVATE PLOTS IN NONCHERNOZEM RURAL DEVELOPMENT<br/> 17 PP<br/> JPRS 73422 </p>                                                                                                                     | 000000162724 |
| <p> KOPYRIN, VASILII<br/> //URAL//<br/> 00/08/1979,V----,N0008, PP 0133-0137<br/> PESSIMISTS IN SOVIET SOCIETY WARNED 8 PP </p>                                                                                                                                                      | 000000196573 |

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| JPRS 74771                                                                             | # |              |
| UNKNOWN                                                                                |   | 000000236593 |
| //URAL//                                                                               |   |              |
| 00/00/1980,V----,N0005, PP 0121-0125                                                   |   |              |
| CREATING THE CONDITIONS FOR EXPANDING THE RAW                                          |   |              |
| MATERIALS OF THE URALS 6 PP                                                            |   |              |
| JPRS 76414                                                                             | # |              |
| DEMENEV, A.                                                                            |   | 000000261588 |
| //URAL//                                                                               |   |              |
| 00/01/1981,V----,N0001, PP 0003-0008                                                   |   |              |
| FLAWS, ACHIEVEMENTS OF URAL AREA DEVELOPMENT                                           |   |              |
| REVIEWED 10 PP                                                                         |   |              |
| JPRS 78172                                                                             | # |              |
| IVANOV, A. S.                                                                          |   | 000000088858 |
| //URAL'SKIY ORDENA TRUDOVOGO KRASNOGO ZNAMENI POLITEKHNICHESKIY//                      |   |              |
| 00/00/1973,V----,N0001, PP 0116-0119                                                   |   |              |
| CHANGE OF PARAMETERS OF A CRYSTAL LATTICE                                              |   |              |
| OF TITANIUM ALLOYS VT9 AND VT18 IN THE                                                 |   |              |
| PROCESS OF HEATING AND COOLING 8 PP                                                    |   |              |
| GUO COPYRIGHT INFO REFER OTHERS TO FTD/STINFO                                          |   |              |
| AIR/FTD-ID(RS)I-1909-76                                                                | # |              |
| MEGODYAYEV, N. D.                                                                      |   | 000000143809 |
| //URAL'SKIY POLITEKHNICHESKIY INSTITUT IMENI S. M. SIROVA SVEROLOVSK, (VINITI PAPER)// |   |              |
| 00/00/1975,V----,N----, PP 0001-0007                                                   |   |              |
| NO 578-75                                                                              |   |              |
| SYNTHESIS AND EVALUATION OF HEAT RESISTANCE OF                                         |   |              |
| POLYARYLATES BASED ON N-ETHYL CARBAZOLE-3,                                             |   |              |
| 6-DICARBOXYLIC ACID 10 PP                                                              |   |              |
| GUO COPYRIGHT INFO REFER OTHERS TO FTD/STINFO                                          |   |              |
| AIR/FTD-ID(RS)I-1803-78                                                                | # |              |
| KITAYEV, NIKOLAY                                                                       |   | 000000168886 |
| //URAL'SKIY SLEDOPYT//                                                                 |   |              |
| 00/00/1977,V----,N----, PP 0047-0051                                                   |   |              |
| SURVEY AND EVALUATION OF PARAPSYCHOLOGY 11 PP                                          |   |              |
| FOUO                                                                                   |   |              |
| JPRS L/8144                                                                            | # |              |
| KITAYEV, NIKOLAY                                                                       |   | 000000168948 |
| //URAL'SKIY SLEDOPYT//                                                                 |   |              |
| 00/00/1977,V----,N----, PP 0047-0051                                                   |   |              |
| SURVEY AND EVALUATION OF PARAPSYCHOLOGY 11 PP                                          |   |              |
| FOUO                                                                                   |   |              |
| JPRS L/8144                                                                            | # |              |
| VOSTRIKOV, N.                                                                          |   | 000000085183 |
| //URAL'SKIYE NIVY//                                                                    |   |              |
| 00/01/1977,V----,N0001, PP 0004-0008                                                   |   |              |
| GRAIN CROP DEVELOPMENT IN ORENBURGSKAYA OBLAST                                         |   |              |
| 9 PP                                                                                   |   |              |
| GUO                                                                                    |   |              |
| JPRS L/6920                                                                            | # |              |
| MATVEYEV, YU.                                                                          |   | 000000132944 |
| //URAL'SKIYE NIVY//                                                                    |   |              |
| 00/05/1978,V----,N0005, PP 0002-0006                                                   |   |              |
| IPATOVSKIY METHOD APPLIED IN ORENBURGSKAYA OBLAST                                      |   |              |
| 8 PP                                                                                   |   |              |
| JPRS 71543                                                                             | # |              |

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| <p>TARASENKO, G.<br/> //URAL'SKIYE NIVY//<br/> 00/05/1978,V----,N0005, PP 0024-0026<br/> CHELYABINSKAYA OBLAST AGRICULTURAL SPECIALIZATION<br/> CONTINUES 5 PP<br/> JPRS 71471</p>                    | 000000155055 |
| <p>SUKHIKH, T.<br/> //URAL'SKIYE NIVY//<br/> 00/00/1979,V----,N----,<br/> NOV AND DEC 1979, NUMBERS 11 - 12<br/> INTER-ENTERPRISE SWINE RAISING COMPLEX IN<br/> UDMURT ASSR 11 PP<br/> JPRS 75914</p> | 000000222688 |
| <p>BEZDOMOVA, K.<br/> //URAL'SKIYE NIVY//<br/> 00/04/1979,V----,N0004, PP 0024-0025<br/> POTATO PRODUCTION TO INCREASE IN SOUTHERN URALS<br/> 5 PP<br/> JPRS 73793</p>                                | 000000171630 |
| <p>CHICHIOV, A.<br/> //URAL'SKIYE NIVY//<br/> 00/11/1979,V----,N0011, PP 0024-0026<br/> WHY BEEF PRODUCTION IS NOT PROFITABLE FOR<br/> ALL KOLKHOZES 6 PP<br/> JPRS 75958</p>                         | 000000224528 |
| <p>SEME NOV, V.<br/> //URAL'SKIYE NIVY//<br/> 00/04/1980,V----,N0004, PP 0024-0025<br/> EFFECT OF SOWING DATES, TILLAGE MODES<br/> ON SPRING WHEAT YIELDS 4 PP<br/> JPRS 75881</p>                    | 000000222969 |
| <p>LYUTIKOV, R.<br/> //URAL'SKIYE NIVY//<br/> 00/08/1980,V----,N0008, PP 0002-0004<br/> INTENSIFICATION OF GRAIN PRODUCTION IN PERMSKAYA<br/> OBLAST 8 PP<br/> JPRS 76880</p>                         | 000000243145 |
| <p>KUCHERIN, A.<br/> //URAL'SKIYE NIVY//<br/> 00/07/1981,V----,N0007, PP 0008-0010<br/> DYNAMICS OF GRAIN PRODUCTION IN UDMURTSKAYA ASSR<br/> DISCUSSED 5 PP<br/> JPRS 79574</p>                      | 000000292860 |
| <p>TYUREV, K.<br/> //URAL'SKIYE NIVY//<br/> 00/08/1981,V----,N0008, PP 0030-0032<br/> UDMURT ASSR PRIVATE PLOT POTENTIAL UNDERDEVELOPED<br/> 3 PP<br/> JPRS 79492</p>                                 | 000000291380 |
| <p>SHISHKIN, A.<br/> //URAL'SKIYE NIVY//<br/> 00/09/1981,V----,N0009, PP 0017-0018<br/> SUCCESS OF UNREGULATED LINK SYSTEM IN SYERDLOCSK<br/> AREA 4 PP<br/> JPRS 79574</p>                           | 000000292850 |

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| NAGAYEV, YU.<br>//URAL'SKIYE NIVY//<br>00/10/1981,V----,N0010, PP 0015-0017<br>INDUSTRIALIZING RSFSR BEEF PRODUCTION<br>INTERFARM DEVELOPMENT IN ORENBURG 6 PP<br>JPRS 79833                                                                                           | 000000294976 |
| KOCHERGIN, A.<br>//URAL'SKIYE NIVY//<br>00/10/1981,V----,N0010, PP 0024-0026<br>FERTILIZER DOSES FOR WEST SIBERIA, NORTHERN<br>TRANS-URALS DETERMINED 7 PP<br>JPRS 79966                                                                                               | 000000306790 |
| SIBIREV, V.<br>//URAL'SKIYE NIVY//<br>00/10/1981,V----,N0010, PP 0026-0027<br>CHAIRMAN OF UDMURT AGROCHEMICAL SERVICES<br>INTERVIEWED 3 PP<br>JPRS 79966                                                                                                               | 000000306791 |
| GERASIMOV, A.<br>//URAL'SKIYE NIVY//<br>00/11/1981,V----,N0011, PP 0002-0004<br>ORGANIZATIONAL PROBLEMS OF RSFSR DAIRY ENTERPRISES<br>5 PP<br>JPRS 79966                                                                                                               | 000000306784 |
| BEZNOISOV, A.<br>//URAL'SKOIYE NIVY//<br>00/06/1980,V----,N0006 PP 0037-0038<br>MAGNESIUM FERTILIZERS IN THE UDMURT ASSR 3 PP<br>JPRS 76473                                                                                                                            | 000000238108 |
| BURMAKIN, E. I.<br>//URALSII NAUCHNYI TSENTR AKADEMIYA NAUK SSR, IN STITUT ELEKTROKHIMII//<br>00/00/1977,V----,N0021, PP 0081-0084<br>ELECTRICAL RESISTIVITY OF MOLTEN CARBONATE<br>ELECTROLYTES THICKENED WITH LITHIUM<br>ALUMOSILICATES. PART 1.<br>NTC 78-12550-070 | 000000180038 |
| BALABUKHA, VERA SERGEYEVA<br>//URAN I BERILLIY PROBLEMA VYVEDENIYA IZ ORGANIZM A //<br>00/00/1976,V----,N----, PP 0002-0007<br>ALSO PP 215-216<br>URANIUM AND BERYLLIUM: PROBLEMS OF ELIMINATION<br>THEREOF FROM THE BODY 5 PP<br>000<br>JPRS L/8086                   | 000000187237 |
| WAGNER, ROLAND<br>//URANIA//<br>00/04/1975,V----,N----, PP 0070-00073<br>GOR RAILROAD RECEIVES NEW LOCOMOTIVES 5 PP<br>JPRS 65095                                                                                                                                      | 000000029673 |
| HOERZ, HERBERT<br>//URANIA//<br>00/00/1977,V0053,N0011, PP 0004-0009<br>IDEOLOGICAL IMPACT OF PHYSICS DISCUSSED 8 PP<br>JPRS 70412                                                                                                                                     | 000000104585 |
| VASKU, JAROMIR                                                                                                                                                                                                                                                         | 000000116021 |

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| <p>//URANIA//<br/>00/00/1978,V0054,N0001, PP 0042-0047<br/>PROGRESS IN DEVELOPING AN ARTIFICIAL HEART REVIEW<br/>8 PP<br/>JPRS 70901</p>                                                                                                             | 000000191788 |
| <p>MUENZE, RUDOLF<br/>//URANIA//<br/>00/09/1979,V----,N----, PP 0012-0017<br/>PRODUCTION OF RADIOACTIVE ISOTOPES DISCUSSED 7 PP<br/>JPRS 74658</p>                                                                                                   | 000000259213 |
| <p>WESTPHAL, HORST<br/>//URANIA//<br/>00/02/1981,V----,N0002, PP 0014-0017<br/>OPERATION OF WIRE-GUIDED ANTITANK MISSILE DETAILED<br/>4 PP<br/>JPRS 77958</p>                                                                                        | 000000283072 |
| <p>WESTPHAL, HORST<br/>//URANIA//<br/>00/02/1981,V----,N0002, PP 0014-0017<br/>OPERATION OF WIRE-GUIDED ANTITANK MISSILE DETAILED<br/>4 PP<br/>JPRS 77958</p>                                                                                        | 000000095369 |
| <p>MEMBRILLERA, V. MEMBRILLERA<br/>//URANIA EN ESPANA: SITUACION ACTUAL Y PERSPECTIVAS, EL//<br/>00/00/1965,V----,N----, PP 0073-0079<br/>URANIUM IN SPAIN: THE PRESENT SITUATION AND<br/>PROSPECTS 13 PP<br/>CSO: 8348/0868-77 SPECIAL COMPLETE</p> | 000000070898 |
| <p>SOLANILLA, ROBERTO<br/>//URANIUM REQUIREMENTS FOR DIFFERENT LONG-TERM REACTOR STRATEGIES//<br/>00/00/1974,V----,N----,<br/>URANIUM REQUIREMENTS FOR DIFFERENT LONG-TERM<br/>REACTOR STRATEGIES 30PP<br/>JPRS FOR ERDA</p>                         | 000000278915 |
| <p>BOGACHEV, I. N.<br/>//URATSO SIBIRSKOE OTLELENIE MASHGZA//<br/>00/00/1952,V----,N----,<br/>ANDSOV ON THE SECRET OF THE BULAT 138 PP<br/>*NTIS TT 81-52173</p>                                                                                     | 000000178564 |
| <p>ORLOV, V. A.<br/>//URAYNITELNYE REZERVUARY GIDROELEKTROSTANTSII//<br/>00/00/1968,V----,N----,<br/>SURGE TANKS FOR HYDROPOWER PLANTS 179 PP<br/>ETC,NTIS TT-71-53084</p>                                                                           | 000000264863 |
| <p>MASHIMOV, M. M.<br/>//URAYNIVANIYE GEODEZICHESKIKH SETEY//<br/>00/00/1979,V----,N----,<br/>ADJUSTMENT OF GEODETIC NETS 367 PP<br/>*DMAAC TC-3051</p>                                                                                              | 000000019990 |
| <p>SUMINOV, V. M.<br/>//URAYNOVESHIVANIYA VRASHCHAYUSHCHIKHSYA TEL LUCHOM LAZERA//<br/>00/00/1974,V----,N----, PP 0001-0175<br/>BALANCING OF ROTATING BODIES BY LASER BEAM<br/>NASA-TT-F-16374</p>                                                   |              |



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| SKVORCHESKIY, A. K.<br>//URAYNOVESHIVANIYE VRASHCHAYUSHCHIKHSYA MASS FIR OPRIBOROV//<br>00/00/1977,V----,N----, PP 0246-0248<br>BALANCING ROTATING MASSES OF GYROSCOPIC<br>INSTRUMENTS 5 PP<br>FOUD<br>JPRS L/8024                            | 000000174264 |
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| GRATSIYANSKIY, N. N.<br>//URKAINSIIY KHIMICHESKIY ZHURNAL//<br>00/00/1963,V0029,N----, PP 1219-1222<br>INFLUENCE OF SMALL ADDITIONS OF METALS ON THE<br>SURFACE PHENOMENA IN HOT DIPPED LEAD COATING.<br>REPORT NO 2.<br>BLD 5828.4F(24892)   | 000000275066 |
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| ENCKE, ULRICH<br>//UROPA ARCHIV//<br>10/01/1982,V----,N----, PP 0021-0028<br>NUMBERS 1-37<br>PROMISES, RESULTS, METHODS OF KHOMEYNI REVOLUTION<br>COMPARED 8 PP<br>OUO<br>JPRS L/10372                                            | 000000304204 |
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| UNKNOWN<br>//US MISSION EC BRUSSELS//<br>08/06/1976,V----,N----, PP 0004<br>TRIPARTITE CONFERENCE AN EC STRATEGY FOR FULL<br>EMPLOYMENT AND STABILITY 4 PP<br>AIRGRAM EC-A-274                                                    | 000000208440 |
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| <p>//US-GE - HEERESGENERALSTABSBESPRECHUNG STEUGRPWT TZ UNG 26-27 1978 FORT MONROE HIER ERGEBNISPROTOKOL L //</p> <p>09/05/1978,V----,N----,<br/>U. S.-GERMAN ARMY GENERAL STAFF TALKS STIRRING<br/>COMMITTEE MEETING 26-27 APRIL 1978<br/>ACSI K 9009</p>                                                                                                                     | 000000235097 |
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| <p>UNKNOWN</p> <p>//US-GE-TEILKONZEPTION TARNEN AND TAUSCHEN TWO EN THURF//</p> <p>17/06/1979,V----,N----,<br/>US/GE PRELIMINARY CONCEPT CAMOUFLAGE AND DECEPTION<br/>2ND DRAFT<br/>*ITAC K-9594</p>                                                                                                                                                                           | 000000190333 |
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| FORTAK, H.<br>//USE OF A POWERED GLIDER EQUIPPED WITH INSTRUMENTS FOR THREE-DIMENSIONAL STRUCTURAL STUDY OF MAN-MADE THERMAL CONVECTION//<br>00/00/0000,V----,N----,<br>APRIL 1974-MAY 1975<br>USE OF A POWERED GLIDER EQUIPPED WITH INSTRUMENTS<br>FOR THREE-DIMENSIONAL STRUCTURAL STUDY OF MAN-MADE<br>THERMAL CONVECTION 34 PP<br>ERDA/ORNL-TR-4101-76 # | 000000048536 |
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| <p>ROTTENDORF, H.<br/> //USE OF CARBONACEOUS FILTER AIDS IN THE FILTRATION OF WATER IN SWIMMING POOLS//<br/> 00/00/1977,V----,N0117, PP 0010<br/> USE OF CARBONACEOUS FILTER AIDS IN THE<br/> FILTRATION OF WATER IN SWIMMING POOLS<br/> CSTRO 1655</p>                                                                                                                                                                                                                       | 000000158826 |
| <p>BARKOV, A. P.<br/> //USE OF DUAL ELECTRIC PROBES FOR MEASURING FLUCTUATIONS AND FLUCTUATING CURRENTS IN A TURBULENT PLASMA//<br/> 00/00/1970,V----,N----,<br/> USE OF DUAL ELECTRIC PROBES FOR MEASURING<br/> FLUCTUATIONS AND FLUCTUATING CURRENTS IN A<br/> TURBULENT PLASMA 12 PP<br/> AEC CTR-73-26</p>                                                                                                                                                                | 000000142928 |
| <p>RODIONOV, V. N.<br/> //USE OF LARGE EXPLOSIONS IN DAM CONSTRUCTION//<br/> 00/00/1973,V----,N----, PP 0088-0101<br/> USE OF LARGE EXPLOSIONS IN DAM CONSTRUCTION.<br/> NTIS AS AMRE-TRANS-65</p>                                                                                                                                                                                                                                                                            | 000000181611 |
| <p>ZVEREVA, G. V.<br/> //USE OF MATHEMATICAL ANALYSIS IN STUDYING THE EFFECT OF DOSES OF PREGNANT MARES-EXPERIENCE IN THE PROPHYLAXIS OF WHITE MUSCLE DISEASE OF...//<br/> 00/00/1975,V----,N----, PP 0026-0028<br/> LAMBS WITH SODIUM SELEITOM<br/> USE OF MATHEMATICAL ANALYSIS IN STUDYING THE<br/> EFFECT OF DOSES OF PREGNANT MARES PP 0103-0104<br/> EXPERIENCE IN THE PROPHYLAXIS OF WHITE<br/> MUSCLE DISEASE OF LAMBS WITH SODIUM SELEITOM<br/> NTIS TT 76 58112</p> | 000000047040 |
| <p>ZVEREVA, G. V.<br/> //USE OF MATHEMATICAL ANALYSIS IN STUDYING THE EFFECT OF DOSES PREGNANT MARE SERUM ON FERTILITY OF KARAKUL SHEEP//<br/> 00/00/1975,V----,N0002, PP 0026-0028<br/> USE OF MATHEMATICAL ANALYSIS IN STUDYING THE<br/> EFFECT OF DOSES PREGNANT MARE SERUM ON<br/> FERTILITY OF KARAKUL SHEEP<br/> NTIS TT-76-58113</p>                                                                                                                                   | 000000299539 |
| <p>SHECKER, H. G.<br/> //USE OF MODELS IN ORDER TO ESTIMATE THE PROTECTIVE EFFECT OF HOUSES IN THE CASE OF OUTBREAKS OF TOXIC GASES//<br/> 00/00/0000,V----,N----,<br/> USE OF MODELS IN ORDER TO ESTIMATE THE PROTECTIVE<br/> EFFECT OF HOUSES IN THE CASE OF OUTBREAKS OF TOXIC<br/> GASES<br/> HSE 9911</p>                                                                                                                                                                | 000000293265 |
| <p>LEROUGE, B.<br/> //USE OF NUCLEAR HEAT FOR URBAN HEATING//<br/> 00/03/1976,V----,N----,<br/> STUDIES IN PROGRESS ON DEVELOPMENT OF SWIMMING<br/> POOL REACTORS FOR URBAN HEATING "THERMOS"<br/> PROGRAM 8 PP<br/> ERO/ORNL/TR-4238-77</p>                                                                                                                                                                                                                                  | 000000095290 |
| <p>TANAKA, R.<br/> //USE OF POLYCARBONATE FILM IN HIGH-LEVEL ELECTRON AND GAMMA DOSIMETRY//<br/> 00/00/1977,V----,N----,<br/> REPORT/JAPANESE/JAERI-M-7000<br/> USE OF POLYCARBONATE FILM IN HIGH-LEVEL ELECTRON<br/> AND GAMMA DOSIMETRY<br/> JAPAN ATOMIC ENERGY RESEARCH INSTITUTE</p>                                                                                                                                                                                     | 000000289764 |

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| BOHM, YE.<br>//USE OF PROCESS COMPUTERS FOR REACTOR PROTECTION IN WATER REACTOR NUCLEAR STATIONS//<br>00/10/1972,V----,N----<br>16-21 OCT 1972<br>USE OF PROCESS COMPUTERS FOR REACTOR PROTECTION<br>IN WATER REACTOR NUCLEAR STATIONS<br>C.E. TRANS 6554                                                                                               | 000000017711 |
| KUZNETSOV, V. G.<br>//USE OF RADIO TRAFFIC MATERIALS IN AN INVESTIGATION OF AVIATION ACCIDENTS TO DETERMINE THE CONDITION OF PILOTS AND DISPATCHERS//<br>00/00/0000,V----,N----<br>USE OF RADIO TRAFFIC MATERIALS IN AN INVESTIGATION OF AVIATION ACCIDENTS TO DETERMINE THE CONDITION OF PILOTS AND DISPATCHERS<br>CSO: 8044/0895-77 COMPLETED SPECIAL | 000000093987 |
| STANDER, W.<br>//USE OF RADIOACTIVE ISOTOPES FOR MEASURING WEAR OF HIGH DENSITY PE AND STEEL PIPES CONVEYING SOLID S //<br>00/00/0000,V----,N----<br>USE OF RADIOACTIVE ISOTOPES FOR MEASURING WEAR OF HIGH DENSITY PE AND STEEL PIPES CONVEYING SOLIDS<br>BISI 18143                                                                                   | 000000221653 |
| ANA ESTELA LOZANO, H.<br>//USE OF SATELLITE IMAGES IN THE EVALUATION OF FARMLANDS//<br>00/12/1977,V----,N----, PP 0001-0005<br>USE OF SATELLITE IMAGES IN THE EVALUATION OF FARMLANDS 9 PP<br>NASA-TM-75088                                                                                                                                             | 000000130718 |
| STOTS, S.<br>//USE OF SIMPLE TAPE RECORDERS FOR STORING DIGITALIZED ANALOG SIGNALS//<br>00/00/1973,V----,N----, PP 0000<br>ENGLISH TITLE ABOVE<br>NASA-TT-F-15957                                                                                                                                                                                       | 000000001979 |
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| CORUM, C.<br>//USE OF SURFACE GEOELECTRICAL METHODS IN PROSPECTING FOR OIL AND GAS//<br>00/00/1971,V----,N----, PP 0095-0102<br>THE USE OF SURFACE GEOELECTRICAL METHODS IN PROSPECTING FOR OIL AND GAS 12 PP<br>ATS 608136T                                                                                                                            | 000000261374 |
| DYACHENKO, V. V.<br>//USE OF THE PERIODIC DECELERATION SYSTEM FOR EXCITING PLASMA WAVES AT FREQUENCIES NEAR THE LOWER HYBRID//<br>00/00/1975,V----,N0494,<br>USE OF THE PERIODIC DECELERATION SYSTEM FOR EXCITING PLASMA WAVES AT FREQUENCIES NEAR THE LOWER HYBRID 14 PP<br>ERDA/DRNL-TR-4075                                                          | 000000050312 |
| VINITSKIY, YE. S.<br>//USE OF ULTRA SONICS IN STUDYING A SUBSTANCE//<br>00/00/1967,V----,N0023, PP 0025-0030<br>ACOUSTIC & SOME PHYSICOCHEMICAL                                                                                                                                                                                                         | 000000109836 |

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| PROPERTIES OF PROPYL ALCOHOL WATER BINARY<br>MIXTURES ALONG THE SATURATION LINE 5 PP<br>FTD-MC-23-2107-71                                                                                                                                                           | # | 000000199247 |
| JAMET, F.<br>//USE OF X-RAY FLASH TECHNOLOGY IN THE MEASUREMENT OF MASS OF FLYING FRAGMENT//<br>08/02/1978,V----,N----, PP 0014<br>ISL REPORT NR R105/78 ALSO P 11<br>USE OF X-RAY FLASH TECHNOLOGY IN THE MEASUREMENT<br>OF MASS OF FLYING FRAGMENT<br>*FTC 689-79 | # |              |
| KYLLAR, EYZEN<br>//USEK TRASY A PRAZSKEMO METRA//<br>00/00/1979,V----,N----, PP 0106-0121<br>ALSO PP 137-138<br>FIRST SECTION OF THE "A LINE OF THE PRAGUE<br>METRO (SUBWAY)" 23 PP<br>DIA LN-420-79                                                                | # | 000000207613 |
| SHVETSOV-SHILOVSKIY, N. I.<br>//USEPKHI KHIIMI//<br>00/06/1977,V0046,N0006, PP 0967-1001<br>COMPOUNDS OF DIXCOORDINATED PHOSPHORUS<br>*FTD-IDIRSIT-0111-78                                                                                                          | # | 000000109189 |
| UNKNOWN<br>//USER'S MANUAL FOR LARGE-SCALE INTEGRATED CIRCUIT LAYOUT CHECK PROGRAM//<br>00/09/1978,V----,N----, PP 0010<br>USER'S MANUAL FOR LARGE-SCALE INTEGRATED<br>CIRCUIT LAYOUTCHECK PROGRAM<br>NASA TM 78192                                                 | # | 000000261305 |
| UNKNOWN<br>//USERE ATH//<br>00/00/1977,V0023,N0004, PP 0004<br>ASSIGNMENT OF THE ENVIRONMENT PROTECTION-<br>COMMISSIONED AT AUGUST-THYSEN-HUTTE<br>BISI 15747                                                                                                       | # | 000000101497 |
| PINHEIRO, EVALDO SANTOS<br>//USERS MANUAL FOR ERTS SATELLITE (LANDSAT) DATA//<br>00/00/0000,V----,N----,<br>BRAZILIAN REPORT INPE/668/NTE/009<br>USERS MANUAL FOR ERTS SATELLITE (LANDSAT)<br>DATA<br>NASA TT F-16642                                               | # | 000000037423 |
| HARUMI OSHIMA<br>//USHIO//<br>00/04/1981,V----,N0263, PP 0086-0112<br>RESEARCHERS DISCUSS STATUS OF BIOTECHNOLOGICAL<br>RESEARCH 30 PP<br>OUO<br>JPRS L/9940                                                                                                        | # | 000000280116 |
| TAKAO IWAMI<br>//USHIO//<br>00/08/1981,V----,N----, PP 0134-0137<br>EXPERT ON THE CURRENT POLITICAL ISSUES 15 PP<br>OUO<br>JPRS L/10097                                                                                                                             | # | 000000291711 |
| TAKAO IWAMI                                                                                                                                                                                                                                                         | # | 000000308023 |



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| <p>//USH10//<br/>00/03/1982,V----,N----, PP 0264-0269<br/>FACTORS AFFECTING SUZUKI REELECTION AS LOP<br/>PRESIDENT ANALYZED 7 PP<br/>DUO<br/>JPRS L/10428</p>                                                                         | # |              |
| <p>KANDAUROV, I. F.<br/>//USHNYKH, NOSOVYKH I GORLOVYKH BOLENEY//<br/>00/00/1980,V----,N0003, PP 0078-0079<br/>DEVICE FOR TWO-SPEED OPTOKINETIC STIMULATION<br/>*NASA TM 76364</p>                                                    | # | 000000231942 |
| <p>MIRONENKO, YU. T.<br/>//USHNYKH, NOSOVYKH I GORLOVYKH BOLENEY//<br/>00/00/1980,V----,N0003, PP 0079-0080<br/>INSTRUMENTS AND DEVICES FOR ELECTRONYSTAGMOGRAPH<br/>*NASA TM 76365</p>                                               | # | 000000231943 |
| <p>TANCHEV, K. S.<br/>//USHNYKH, NOSOVYKH I GORLOVYKH BOLENEY//<br/>00/00/1980,V----,N0003, PP 0082-0086<br/>BASIC PRINCIPLE AND TECHNIQUE OF<br/>ELECTRONYSTAGMOGRAPHY (A BRIEF REVIEW OF THE<br/>LITERATURE)<br/>*NASA TM 76366</p> | # | 000000231944 |
| <p>DERYAGIN, A. G.<br/>//USIEKHI FIEITSESKIKH NAUK//<br/>00/00/1976,V----,N----, PP 0393-0437<br/>RARE EARTH MAGNETIC MATERIAL<br/>*FTD-IDIRSIT-1048-77</p>                                                                           | # | 000000075511 |
| <p>BOUDET, DOMINIQUE<br/>//USIN NOUVELLE, L'//<br/>00/05/1977,V----,N----, PP 0090-0093<br/>MINISTER OF INDUSTRY MONORY INTERVIEWED 6 PP<br/>JPRS 69269</p>                                                                           | # | 000000073622 |
| <p>ROUME, JEAN<br/>//USINE NOUVELLE//<br/>01/12/1980,V----,N----, PP 0009-0010<br/>TWO-STAGE PLAN TO REDUCE TIN IMPORTS EXPLAINED<br/>3 PP<br/>JPRS 77342</p>                                                                         | # | 000000257613 |
| <p>DURELL, S.<br/>//USINE NOUVELLE//<br/>00/12/1972,V----,N----, PP 0154-0156<br/>BLAST FURNACES WILL THE RACE TO GIANT SIZE COME<br/>TO AN END?<br/>BISI 12753</p>                                                                   | # | 000000009758 |
| <p>UNKNOWN<br/>//USINE NOUVELLE//<br/>06/01/1977,V----,N0001, PP 0012-0013<br/>ALSO PP 46-52<br/>ENERGY CONSERVATION DISCUSSED 24 PP<br/>JPRS 69566</p>                                                                               | # | 000000082699 |
| <p>UNKNOWN<br/>//USINE NOUVELLE//<br/>03/01/1979,V----,N----, PP 0036-0039<br/>MONORY OUTLINES ECONOMIC REFORM MEASURES 9 PP</p>                                                                                                      | # | 000000208537 |

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| JPRS 75113                                                                                                                                                  | # | 000000187087 |
| ROUME, JEAN<br>//USINE NOUVELLE//<br>06/09/1979,V----,N----, PP 0064-0065<br>TITANIUM SHORTAGE SEEN CAUSE FOR SERIOUS CONCERN<br>3 PP<br>JPRS 74445         |   |              |
| LE, B. E.<br>//USINE NOUVELLE//<br>13/09/1979,V----,N----, PP 0083<br>COMMUNICATIONS FUNDS STRETCHED BY USE OF<br>ELECTRONICS 2 PP<br>JPRS 74469            |   |              |
| MAND, MARYSE<br>//USINE NOUVELLE//<br>13/09/1979,V----,N----, PP 0118-0126<br>INDUSTRY BEGINS TREK TO EEC INTERGATION 15 PP<br>JPRS 74527                   |   |              |
| UNKNOWN<br>//USINE NOUVELLE//<br>27/09/1979,V----,N----, PP 0078-0079<br>ELECTRONICS FIRMS FINANCE INCREASED R&D,<br>COMPETITION 3 PP<br>JPRS 74797         |   |              |
| ALEXANDRE, GILLES<br>//USINE NOUVELLE//<br>00/10/1979,V----,N----, PP 0011<br>IMPROVED TECHNICAL VOCATIONAL TRAINING<br>EXPLORED 3 PP<br>JPRS 74799         |   |              |
| LE GALL, GEORGES<br>//USINE NOUVELLE//<br>11/10/1979,V----,N----, PP 0116-0117<br>STATUS OF MACHINE TOOL SECTOR OUTLINED 3 PP<br>JPRS 74602                 |   |              |
| ROUME, JEAN<br>//USINE NOUVELLE//<br>18/10/1979,V----,N----, PP 0114<br>NATION'S COPPER POLICY OUTLINED 2 PP<br>JPRS 74688                                  |   |              |
| AMALRIC, CLAUDE<br>//USINE NOUVELLE//<br>18/10/1979,V----,N----, PP 0135-0137<br>UTILITY OF NONDESTRUCTIVE QUALITY CONTROL<br>PROCEDURES 6 PP<br>JPRS 74931 |   |              |
| AMALRIC, CLAUDE<br>//USINE NOUVELLE//<br>18/10/1979,V----,N----, PP 0144-0145<br>NEW UNDERSEA CABLE-LAYER DESCRIBED 2 PP<br>JPRS 74931                      |   |              |
| ALEXANDRE, GILLES<br>//USINE NOUVELLE//<br>25/10/1979,V----,N----, PP 0078-0079                                                                             |   |              |

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| CAUSES OF CGT'S 'ISOLATION' REVIEWED 3 PP<br>JPRS 74799                                                                                                                           | # | 000000203531 |
| GOUDIER, CLAUDE<br>//USINE NOUVELLE//<br>25/10/1979,V----,N----, PP 0080<br>OIL PRODUCERS INCREASINGLY TEMPTED BY FREE<br>MARKET 2 PP<br>JPRS 74799                               | # | 000000202676 |
| ROUME, JEAN<br>//USINE NOUVELLE//<br>00/12/1979,V----,N----, PP 0012<br>ADVANTAGES OF NEW METALLURGICAL TECHNIQUE 3 PP<br>JPRS 74968                                              | # | 000000202675 |
| AMALRIC, CLAUDE<br>//USINE NOUVELLE//<br>00/12/1979,V----,N----, PP 0047<br>20-27 DEC 79, NOS 51-52<br>GOVERNMENT-INDUSTRY COOPERATION IN ROBOTICS<br>RESEARCH 2 PP<br>JPRS 74968 | # | 000000210728 |
| GREGORY, GENE<br>//USINE NOUVELLE//<br>06/12/1979,V----,N----, PP 0086-0089<br>STRATEGY OF ELECTRONICS AGAINST IBM ANALYZED 6 PP<br>JPRS 75145                                    | # | 000000239789 |
| UNKNOWN<br>//USINE NOUVELLE//<br>00/00/1980,V----,N----, PP 0108-0110<br>PLASTICS EXHIBITION PRESENTS ADVANCES IN COMPOSITE<br>MATERIALS 3 PP<br>JPRS 76633                       | # | 000000209124 |
| LE MOAL, RENE<br>//USINE NOUVELLE//<br>24/01/1980,V----,N----, PP 0044-0045<br>TECHNICAL-INDUSTRIAL PARTNERSHIP WITH<br>INDIA BACKED 5 PP<br>JPRS 75321                           | # | 000000223026 |
| UNKNOWN<br>//USINE NOUVELLE//<br>07/02/1980,V----,N----, PP 0058-0065<br>FIGHT HEATING UP FOR TELECOMMUNICATIONS<br>MARKETS 12 PP<br>JPRS 75848                                   | # | 000000214335 |
| THIBOUMERY, ANTOINE<br>//USINE NOUVELLE//<br>28/02/1980,V----,N----, PP 0080-0088<br>EFFORTS TO ENCOURAGE AIRCRAFT INDUSTRY NOTED 13 PP<br>JPRS 75539                             | # | 000000220369 |
| O'RELLI, BLAISE<br>//USINE NOUVELLE//<br>24/04/1980,V----,N----, PP 0082<br>EFFECTS OF REDUCED GAS SUPPLY FROM<br>ALGERIA DISCUSSED 3 PP<br>JPRS 75800                            | # |              |

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| AMALRIC, CLAUDE<br>//USINE NOUVELLE//<br>27/05/1980,V----,N----, PP 0097-0099<br>"HOLES" IN NATION'S COMPUTER<br>TECHNOLOGY EXAMINED 7 PP<br>JPRS 75774          | 000000222212 |
| LECOURT, ERIC<br>//USINE NOUVELLE//<br>28/08/1980,V----,N----, PP 0037-0038<br>POSSIBILITY OF INCREASED FRENCH INVESTMENT EXAMINED<br>4 PP<br>JPRS 76648         | 000000242609 |
| PEIRNAZ, PATRICK<br>//USINE NOUVELLE//<br>18/09/1980,V----,N----, PP 0160-0161<br>FORMING SHEET METAL BY EXPLOSION DESCRIBED 5 PP<br>JPRS 76757                  | 000000244309 |
| PERRIER, FRANCOIS<br>//USINE NOUVELLE//<br>25/09/1980,V----,N----, PP 0091-0094<br>TECHNOLOGY TRANSFERS, RESEARCH-INDUSTRY TIES<br>EXAMINED 5 PP<br>JPRS 76938   | 000000244374 |
| UNKNOWN<br>//USINE NOUVELLE//<br>02/10/1980,V----,N----, PP 0099-0106<br>CNPF'S CEYRAC INTERVIEWED ON BUSINESS STRATEGY,<br>AIMS 12 PP<br>JPRS 76849             | 000000243721 |
| UNKNOWN<br>//USINE NOUVELLE//<br>27/11/1980,V----,N----, PP 0099<br>GAS TURBINE POWER PLANT NEARING COMPLETION 2 PP<br>JPRS 77176                                | 000000246937 |
| BOUDET, DOMINIQUE<br>//USINE NOUVELLE//<br>00/01/1981,V----,N----, PP 0006-0008<br>DELAPALME INTERVIEW: HOW TO IMPROVE RESEARCH IN<br>FRANCE 5 PP<br>JPRS 77470  | 000000253839 |
| CHABREUIL, MARC<br>//USINE NOUVELLE//<br>22/01/1981,V----,N----, PP 0034-0035<br>FRENCH JOURNAL INTERVIEWS SOVIET ON MUTUAL TRADE<br>4 PP<br>JPRS 77875          | 000000258559 |
| PAUCHE, ALAIN<br>//USINE NOUVELLE//<br>05/02/1981,V----,N----, PP 0058-0061<br>CODIS: VEHICLE FOR EXPRESSION OF FRANCE'S<br>INDUSTRIAL POLICY 9 PP<br>JPRS 77621 | 000000256220 |
| LAPERROUSAZ, PIERRE<br>//USINE NOUVELLE//<br>05/03/1981,V----,N----, PP 0105-0107                                                                                | 000000260716 |

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| PULSATING-CURRENT ELECTROLYTIC PLATING SAVES<br>ENERGY 5 PP<br>JPRS 78002                                                                                           | # |              |
| LE GALL, GEORGES<br>//USINE NOUVELLE//<br>12/03/1981,V----,N----, PP 0079-0081<br>FRANCE STILL IN RACE FOR SHARE OF INDUSTRIAL ROBOT<br>MARKET 3 PP<br>JPRS 78072   | # | 000000262939 |
| PAUCHE, ALAIN<br>//USINE NOUVELLE//<br>16/04/1981,V----,N----, PP 0056-0058<br>GIRAUD INTERVIEWED ON INDUSTRIAL POLICY<br>DEVELOPMENTS 5 PP<br>JPRS 78372           | # | 000000266456 |
| ROUME, JEAN<br>//USINE NOUVELLE//<br>16/04/1981,V----,N----, PP 0067-0069<br>NEW MINERAL DEPOSITS PREPARED FOR EXPLOITATION<br>4 PP<br>JPRS 78166                   | # | 000000261621 |
| LEGALL, GEORGES<br>//USINE NOUVELLE//<br>14/05/1981,V----,N----, PP 0099-0101<br>ENCOURAGEMENT OF FLEXIBLE WORKSHOPS YIELDS SOME<br>RESULTS 6 PP<br>JPRS 78306      | # | 000000264827 |
| PIERNAZ, PATRICK<br>//USINE NOUVELLE//<br>14/05/1981,V----,N----, PP 0125-0127<br>CURRENT STATUS OF BRITISH NC MACHINE TOOL INDUSTRY<br>REVIEWED 4 PP<br>JPRS 78374 | # | 000000287471 |
| THIBOUMERY, ANTOINE<br>//USINE NOUVELLE//<br>28/05/1981,V----,N----, PP 0052-0054<br>AIRBUS INDUSTRIE HEAD DISCUSSES CONSORTIUM'S<br>FUTURE 6 PP<br>JPRS 78625      | # | 000000274075 |
| GOUDIER, CLAUDE<br>//USINE NOUVELLE//<br>04/06/1981,V----,N----, PP 0064-0065<br>EFFECTS OF CHANGE IN NUCLEAR CONSTRUCTION POLICY<br>VIEWED 4 PP<br>JPRS 78494      | # | 000000270900 |
| UNKNOWN<br>//USINE NOUVELLE//<br>04/06/1981,V----,N----, PP 0075-0077<br>FRANCE CONSIDERS COAL CONVERSION FOR ENERGY<br>DIVERSIFICATION 5 PP<br>JPRS 78625          | # | 000000274072 |
| COUE, DANIEL<br>//USINE NOUVELLE//<br>04/06/1981,V----,N----, PP 0110-0111<br>PLASTIC AUTO COMPONENTS EXHIBITED AT SWISS SHOW                                       | # | 000000274794 |

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| 4 PP<br>JPRS 78720                                                                                                                                                               | # |              |
| ANTOINE, JACQUES<br>//USINE NOUVELLE//<br>30/06/1981,V----,N----, PP 0043-0045<br>AUTOMATED PRODUCTION OF NUCLEAR-RELATED<br>CATALYTIC ELEMENTS 7 PP<br>JPRS 78876               | # | 000000282229 |
| LACOTTE, DANIEL<br>//USINE NOUVELLE//<br>00/07/1981,V----,N----, PP 0039-0041<br>16 AND 23 JULY 1981<br>JEUMONT-SCHNEIDER'S NEW PRODUCTION GOALS<br>DETAILED 4 PP<br>JPRS 78870  | # | 000000282275 |
| BENASTEAU, DOMINIQUE-MARIE<br>//USINE NOUVELLE//<br>00/07/1981,V----,N----, PP 0044-0049<br>INDUSTRIES RETURNING TO BURNING OF COAL 4 PP<br>JPRS 78760                           | # | 000000274360 |
| PIERNAZ, PATRICK<br>//USINE NOUVELLE//<br>02/07/1981,V----,N----, PP 0030-0031<br>FRANCE'S POSITION IN MACHINE TOOL INDUSTRY<br>ASSESSED 4 PP<br>JPRS 78720                      | # | 000000274789 |
| PERRIER, FRANCOIS<br>//USINE NOUVELLE//<br>00/08/1981,V----,N----, PP 0033-0035<br>13-20 AUG 1981<br>ROCARD ON SUBSIDIES, REGIONAL DEVELOPMENT,<br>EMPLOYMENT 6 PP<br>JPRS 79088 | # | 000000281222 |
| CHABREUIL, MARC<br>//USINE NOUVELLE//<br>10/09/1981,V----,N----, PP 0056-0057<br>RESEARCH MINISTER INTERVIEWED ON INDUSTRIAL R &<br>D PROGRAM 3 PP<br>JPRS 79175                 | # | 000000277696 |
| GOUDIER, CLAUDE<br>//USINE NOUVELLE//<br>10/09/1981,V----,N----, PP 0070-0071<br>COMPETITIVENESS OF NUCLEAR POWER DOCUMENTED,<br>PROJECTED 4 PP<br>JPRS 79197                    | # | 000000281176 |
| SELLIER, MARIE<br>//USINE NOUVELLE//<br>17/09/1981,V----,N----, PP 0064-0065<br>FUTURE ENERGY PROGRAM REMAINS UNCLEAR 3 PP<br>JPRS 79261                                         | # | 000000285668 |
| SELLIER, MARIE<br>//USINE NOUVELLE//<br>17/09/1981,V----,N----, PP 0064-0065<br>FUTURE ENERGY PROGRAM REMAINS UNCLEAR 3 PP<br>JPRS 79261                                         | # | 000000285585 |

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| LE MOAL, RENE<br>//USINE NOUVELLE//<br>01/10/1981,V----,N----, PP 0060-0061<br>ANOTHER LOOK AT MITTERAND'S NEW INDUSTRIAL<br>CONTRACT' 4 PP<br>JPRS 79376                                                    | # | 000000292319 |
| UNKNOWN<br>//USINE NOUVELLE//<br>29/10/1981,V----,N----, PP 0072-0073<br>DEPUTY MINISTER OF PETROLEUM INTERVIEWED 4 PP<br>JPRS 79620                                                                         | # | 000000293917 |
| PAUCHE, ALAIN<br>//USINE NOUVELLE//<br>19/11/1981,V----,N----, PP 0068-0069<br>MAJOR INDUSTRY'S STEPS TO COMPETE OUTLINED 3 PP<br>JPRS 80178                                                                 | # | 000000304990 |
| PIERNAZ, PATRICK<br>//USINE NOUVELLE//<br>19/11/1981,V----,N----, PP 0118-0124<br>LASERS GAIN IMPORTANCE IN INDUSTRIAL<br>APPLICATIONS 8 PP<br>JPRS 80169                                                    | # | 000000303268 |
| LE GALL, GEORGES<br>//USINE NOUVELLE//<br>03/12/1981,V----,N----, PP 0066-0068<br>MINISTER OF INDUSTRY INTERVIEWED ON MACHINE<br>TOOL PROGRAM 5 PP<br>JPRS 80654                                             | # | 000000312027 |
| LECOURT, ERIC<br>//USINE NOUVELLE//<br>10/12/1981,V----,N----, PP 0080-0081<br>ORGANIZATION, METHODS, STATUS OF FOREIGN TRADE<br>COME UNDER FIRE. CURRENT SITUATION, CHANGES<br>SUGGESTED 4 PP<br>JPRS 80182 | # | 000000301326 |
| SOLAND, DANIEL<br>//USINE NOUVELLE//<br>10/12/1981,V----,N----, PP 0099-0101<br>ORGANIZATION, METHODS, STATUS OF FOREIGN TRADE COM<br>UNDER FIRE. ONE EXAMPLE: ANDEAN PACT COUNTRIES 4 P<br>JPRS 80182       | # | 000000301362 |
| BRUNET, GENEVIEVE<br>//USINE NOUVELLE//<br>01/01/1982,V----,N----, PP 0031-0033<br>RAILWAY EQUIPMENT INDUSTRY LOOKS TO EXPORT<br>TO THIRD WORLD 5 PP<br>JPRS 80021                                           | # | 000000307164 |
| LE GALL, GEORGES<br>//USINE NOUVELLE//<br>07/01/1982,V----,N----, PP 0031-0032<br>L'USINE NOUVELLE' NOTES SIGNS OF ECONOMIC RECOVERY<br>4 PP<br>JPRS 80240                                                   | # | 000000310822 |
| PERRIER, FRANCOIS<br>//USINE NOUVELLE//                                                                                                                                                                      |   | 000000301324 |

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| 07/01/1982,V----,N----, PP 0036-0043<br>DECENTRALIZATION LAW TO TRANSFER ECONOMIC,<br>DEVELOPMENT POWERS. SUMMARY OF CHANGES,<br>IMPLICATIONS 8 PP<br>JPRS 80182                                                    | # | 000000301325 |
| PERRIER, FRANCOIS<br>//USINE NOUVELLE//<br>07/01/1982,V----,N----, PP 0040-0041<br>DECENTRALIZATION LAW TO TRANSFER ECONOMIC,<br>DEVELOPMENT POWERS. INTERVIEW WITH<br>DECENTRALIZATION MINISTER 5 PP<br>JPRS 80182 | # | 000000305237 |
| STEPHAN, PATRICK<br>//USINE NOUVELLE//<br>14/01/1982,V----,N----, PP 0043-0045<br>NEW FOREIGN INVESTMENT STRATEGY VIEWED 5 PP<br>JPRS 80349                                                                         | # | 000000308076 |
| LACOTTE, DANIEL<br>//USINE NOUVELLE//<br>21/01/1982,V----,N----, PP 0040<br>FIRMS REORIENT PLANS FOR DATA PROCESSING<br>DEVELOPMENT 3 PP<br>JPRS 80440                                                              | # | 000000312017 |
| DEGRANGE, EDMOND<br>//USINE NOUVELLE//<br>21/01/1982,V----,N----, PP 0072-0073<br>ADVANCED SURFACE-TREATMENT TECHNOLOGIES IN USE<br>IN FRANCE 3 PP<br>JPRS 80654                                                    | # | 000000308615 |
| PAUCHE, ALAIN<br>//USINE NOUVELLE//<br>28/01/1982,V----,N----, PP 0038-0039<br>NEW COMPENSATION PLAN OUTLINED: COST TO INCREASE<br>10 BILLION 3 PP<br>JPRS 80300                                                    | # | 000000310284 |
| LECOURT, ERIC<br>//USINE NOUVELLE//<br>28/01/1982,V----,N----, PP 0079-0081<br>INDUSTRY VIEWS COOPERATION POSSIBILITIES WITH IND<br>3 PP<br>JPRS 80280                                                              | # | 000000306018 |
| DALEM, DIDIER<br>//USINE NOUVELLE//<br>04/02/1982,V----,N----, PP 0045-0046<br>EXPANSION OF HIGH-SPEED TRAIN NETWORK PLANNED 3 PP<br>JPRS 80399                                                                     | # | 000000307411 |
| PAUCHE, ALAIN<br>//USINE NOUVELLE//<br>11/02/1982,V----,N----, PP 0051-0053<br>STUDY REVEALS 1982 INVESTMENT TRENDS FOR ECONOMIC<br>SECTORS 7 PP<br>JPRS 80543                                                      | # | 000000310586 |
| PAUCHE, ALAIN<br>//USINE NOUVELLE//<br>11/02/1982,V----,N----, PP 0051-0053                                                                                                                                         |   |              |



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| STUDY REVEALS 1982 INVESTMENT TRENDS FOR ECONOMIC<br>SECTORS 7 PP<br>JPRS 80543                                                                                                  | # |              |
| ROY, CORINNE<br>//USINE NOUVELLE//<br>25/02/1982,V----,N----, PP 0109-0112<br>GOVERNMENT AID TO INVESTMENT, EXPORTS, INNOVATION<br>DETAILED 13 PP<br>JPRS 80729                  | # | 000000313546 |
| THIBOUMERY ANTOINE<br>//USINE NOUVELLE//<br>04/03/1982,V----,N----, PP 0068-0072<br>FUTURE TANK, HELICOPTER, MISSILE, AIRCRAFT,<br>SUBMARINE OCCUPY INDUSTRY 18 PP<br>JPRS 80574 | # | 000000312222 |
| MENIN, JEAN<br>//USINE NOUVELLE//<br>03/12/1982,V----,N----, PP 0124-0125<br>NEW APPLICATION FOR ELECTRICAL DISCHARGE<br>WELDING 4 PP<br>JPRS 80654                              | # | 000000312018 |
| AMALRIC, CLAUDE<br>//USINE NOUVELLE//<br>18/01/1979,V----,N----, PP 0096<br>NEW CARBURETOR ATTACHMENT ACHIEVES FUEL ECONOMY<br>3 PP<br>JPRS 74931                                | # | 000000204987 |
| UNKNOWN<br>//USINE NOUVELLE, L'//<br>12/02/1976,V----,N0007, PP 0062-0063<br>SOCIAL SECURITY 6 PP<br>DIA LN 199-76                                                               | # | 000000053688 |
| UNKNOWN<br>//USINE NOUVELLE, L'//<br>12/02/1976,V----,N0007, PP 0062-0063<br>PARTIAL UNEMPLOYMENTS AGREEMENTS UNTIL 30 JUNE<br>6 PP<br>DIA LN 199-76                             | # | 000000053630 |
| UNKNOWN<br>//USINE NOUVELLE, L'//<br>12/02/1976,V----,N0007, PP 0062-0063<br>THE CRISIS AT DE SALMER IS A SICKNESS LIMITING<br>AMBITIONS 6 PP<br>DIA LN 199-76                   | # | 000000053689 |
| UNKNOWN<br>//USINE NOUVELLE, L'//<br>06/01/1977,V----,N0001, PP 0012-0013<br>ALSO PP 46-52<br>ENERGY CONSERVATION DISCUSSED 24 PP<br>JPRS 69566                                  | # | 000000082843 |
| LE GALL, GOERGES<br>//USINE NOUVELLE, L'//<br>27/01/1977,V----,N----, PP 0016-0017<br>NATION'S NEED TO EXPORT ARMAMENTS EXPLAINED 7 PP<br>JPRS 68671                             | # | 000000058628 |

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| <p> METLHAUD, JEAN<br/> //USINE NOUVELLE, L'//<br/> 30/06/1977,V----,N----, PP 0016-0017<br/> NEED TO ENLARGE EEC VIEWED BY FRANCE 6 PP<br/> JPRS 69505 </p>                                                                                                                      | 00000079625  |
| <p> PORTNOFF, A. Y.<br/> //USINE NOUVELLE, L'//<br/> 08/09/1977,V----,N----, PP 0016-0017<br/> NUCLEAR INDUSTRY'S NEED FOR GOOD PR, SECURITY<br/> NOTED 5 PP<br/> GUO<br/> JPRS L/7410 </p>                                                                                       | 00000099792  |
| <p> DUMONT, JEAN-PIERRE<br/> //USINE NOUVELLE, L'//<br/> 00/03/1978,V----,N----, PP 0080-0083<br/> ALSO PP 85, 87<br/> SOURCES, GOALS OF TRADE UNION POWER CONSIDERED<br/> 14PP<br/> JPRS 70911 </p>                                                                              | 000000140109 |
| <p> UNKNOWN<br/> //USINE NOUVELLE, L'//<br/> 23/11/1978,V----,N----, PP 0213<br/> YEAREND ROUNDUP OF KEY ECONOMIC INDICATORS FOR<br/> 1978, SELECTED KEY INDUSTRIES 2 PP<br/> JPRS 72713 </p>                                                                                     | 000000153209 |
| <p> MARMAIN, CHRISTIAN<br/> //USINE NOUVELLE, L'//<br/> 04/01/1979,V----,N----, PP 0044-0048<br/> ECONOMY MINISTER MONORY INTERVIEWED ON PLANS<br/> FOR 1979 10 PP<br/> JPRS 72851 </p>                                                                                           | 000000156821 |
| <p> DENIAU, JEAN-FRANCOIS<br/> //USINE NOUVELLE, L'//<br/> 08/03/1979,V----,N----, PP 0102-0108<br/> FOREIGN TRADE MINISTER INTERVIEWED ON OIL<br/> COST 10 PP<br/> JPRS 73240 </p>                                                                                               | 000000161375 |
| <p> BOULIN, ROBERT<br/> //USINE NOUVELLE, L'//<br/> 12/04/1979,V----,N----, PP 0090-0094<br/> LABOR MINISTER BOULIN INTERVIEWED 8 PP<br/> JPRS 73592 </p>                                                                                                                         | 000000165921 |
| <p> UNKNOWN<br/> //USINE NOUVELLE, L'//<br/> 14/12/1978,V----,N----, PP 0189<br/> YEAREND ROUNDUP OF KEY ECONOMIC INDICATORS FOR<br/> 1978, SELECTED INDUSTRIES (FURTHER DETAILS) 3 PP<br/> JPRS 72713 </p>                                                                       | 000000153210 |
| <p> BESSONOV, M. V.<br/> //USING ULTRASONICS TO STEADY A SUBSTANCE//<br/> 00/00/1970,V----,N----, PP 0165-0170<br/> USE OF ULTRACOUSTIC DATA FOR THE CALCULATION OF<br/> THE THERMAL CONDUCTIVITY OF GLASSY SUBSTANCES AT<br/> HIGH TEMPERATURES 6 PP<br/> FTD-HC-23-2108-71 </p> | 000000108821 |

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| CHURAYEV, R. S.<br>//USKORENII AVYORALNOY PLAZMY ZEMLI VSEDSTVIYE KO NUSNOY NEUSTOYCHIVOSTI//<br>00/00/1978,V----,N----, PP 0001-0019<br>ON THE ACCELERATION OF THE AURORAL PLASMA OF THE<br>EARTH DUE TO CONIC INSTABILITY 19 PP<br>NASA-TM-75638                                                               | 000000203339 |
| KUSHLIN, V. I.<br>//USKORENIYE VNEDRENIYA NAUCHNYKH DOSTIZHENIY V PROIZVODSTVO//<br>00/00/1976,V----,N----, PP 0001-0175<br>ACCELERATION OF THE IMPLEMENTATION OF SCIENTIFIC<br>ACHIEVEMENTS INTO PRODUCTION 311 PP<br>GUO COPYRIGHT INFORMATION REFER OTHER REQUEST TO<br>FTD/STINFO<br>AIR/FTD-ID(RS)T-1764-76 | 000000078575 |
| VELIKHOV, YE. P.<br>//USKORITEL'NYY KOMPLEKS//<br>00/00/1976,V----,N----, PP 0001-0038<br>THE 'ANGARA-5' ACCELERATOR INSTALLATION 23 PP<br>GUO<br>JPRS L/7168                                                                                                                                                    | 000000074559 |
| KALMYKOV, A. A.<br>//USKORITELI PLAZMY//<br>00/00/1973,V----,N----, PP 0183-0191<br>PULSED PLASMA ACCELERATORS<br>*FSTC SERIAL NO 556-80                                                                                                                                                                         | 000000231981 |
| KALMYKOV, A. A.<br>//USKORITELI PLAZMY//<br>00/00/1973,V----,N----, PP 0183-0191<br>PULSED PLASMA ACCELERATORS<br>GUO COPYRIGHT INFO REFER OTHERS TO FSTC<br>ARM/FSTC-HT-0556-80                                                                                                                                 | 000000271031 |
| UNKNOWN<br>//USLOVIYA FORMIROVANIYA POROD-KOLLEKTOROV I MIGRATSIYA NEFTI//<br>00/00/1976,V----,N----, PP 0037-0054<br>PETROLEUM RESERVOIR ROCKS ON NIZHNEVARTOVSK<br>ANTICLINE 19 PP<br>GUO<br>JPRS L/7481                                                                                                       | 000000102053 |
| BALOYNEY, V. I.<br>//USLOVIYA PRIBLIZHIMOGO FIZICHESKOGO MEDELIROTA NIYA PROTSESSOV REGANIYA GRIMTOV//<br>00/00/1969,V----,N----, PP 0078-0125<br>CHAPTER 4<br>CONDITIONS FOR THE APPROXIMATE PHYSICAL MODELING<br>OF THE PROCESSES OF CUTTING SOILS 258 PP<br>ETC,NTC, NTIS,BLL,TIB PB-220 261-T                | 000000246765 |
| ABRAMOV, R. V.<br>//USLOVIYA SEDIMENTATSII V ATLANTICHESKOM OKEANE<br>00/00/1971,V----,N----, PP 0007-0030<br>DUST IN THE ATMOSPHERE OVER THE ATLANTIC OCEAN<br>NMFS ON LOAN                                                                                                                                     | 000000141330 |
| GURIN, L. S.<br>//USLOVNO-EFFEKTIVNYYE OTSENKI PARAMETROY Nelineyn'nykh MODELEY//<br>00/00/1975,V----,N----, PP 0001-0033<br>CONDITIONALLY EFFECTIVE EVALUATION OF THE<br>PARAMETERS OF NONLINEAR MODELS<br>*NASA TT F-17264                                                                                     | 000000060558 |

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| UNKNOWN<br>//USLOVNYYE SNAKI DLYA TOPOGRAFICHESKOY KARTY MA SSHTABA 1:10 000//<br>00/00/1977,V----,N----, PP 0153<br>PROVISIONAL SYMBOLS FOR TOPOGRAPHIC MAPS ON A<br>SCALE OF 1:10,000 MAIN DIRECTORATE FOR GEODESY<br>AND CARTOGRAPHY, USSR COUNCIL OF MINISTERS<br>ITAC K-9159 | 000000158399 |
| UNKNOWN<br>//USLOVNYYE ZNAKI DLYA TOPOGRAFICHESKOY KARTY ONE TO TEN THOUSAND//<br>00/00/1977,V----,N----,<br>PROVISIONAL SYMBOLS FOR TOPOGRAPHIC MAPS ON A<br>SCALE OF 1:10,000<br>ACSI K-9159                                                                                    | 000000148279 |
| SHIL'KRUT, D. I.<br>//USLOYCHINOST' Nelineynykh obolochek//<br>00/00/1977,V----,N----, PP 0102<br>STABILITY OF NONLINEAR SHELLS<br>*FTD-ID(RS)T-246-79                                                                                                                            | 000000188678 |
| ANA ESTELA LOZANO, A.<br>//USO DE IMAGENES DE SATELITE EN LA EVALUACION DE CULTIVOS//<br>00/12/1977,V----,N----, PP 0001-0005<br>1-9 DEC 77<br>USE OF SATELLITE IMAGES TO EVALUATE CROPS<br>*NASA TM-75099                                                                        | 000000205459 |
| SOTO, M.<br>//USO DE LOS SATELITES EN EL ESTUDIO DE LA VEGETACION TROPICAL//<br>00/00/1976,V----,N----,<br>USE OF SATELLITES IN THE STUDY OF TROPICAL<br>VEGETATION 11 PP<br>NASA TT F 16941                                                                                      | 000000061438 |
| SOTO, M.<br>//USO DE SENSORES REMOTOS EN EL MAPA DE VEGETACION DE VERACRUZ//<br>00/00/1976,V----,N----, PP 0001-0008<br>USE OF REMOTE SENSORS IN MAPPING THE VEGETATION<br>OF VERACRUZ 9 PP<br>NASA TT F 16842                                                                    | 000000053580 |
| UNKNOWN<br>//USO E MANUTENZIONE DEI VEICOLI DI PRESERIE//<br>00/00/0000,V----,N----,<br>THE ITALIAN VCL AMPHIBIOUS JEEP<br>*FSTC SERIAL NO 1475-79                                                                                                                                | 000000239981 |
| UNKNOWN<br>//USO E MANUTENZIONE DEI VEICOLI DI PRESERIE//<br>00/00/0000,V----,N----,<br>THE ITALIAN VCL AMPHIBIOUS JEEP<br>ARM/FSTC HT-1475-79                                                                                                                                    | 000000286050 |
| KARYSKIN, A. V.<br>//USPEKHI ANALITICHESKOI KHIMII//<br>00/00/1974,V----,N----, PP 0017-0028<br>INCREASED SENSITIVITY OF DIRECT SPECTRAL ANALYSTS<br>NRCC C-17865                                                                                                                 | 000000136841 |
| KARYAKIN, A. V.<br>//USPEKHI ANALITICHESKOI KHIMII//<br>00/00/1974,V----,N----, PP 0017-0028<br>INCREASED SENSITIVITY OF DIRECT SPECTRAL ANALYSIS                                                                                                                                 | 000000268570 |

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| NRCC C-18300                                                                                                                                                                                                                                          | # |              |
| GIBALO, I. M.<br>//USPEKHI ANALITICHESKOI KHIMII//<br>00/00/1974,V----,N----, PP 0106-0210<br>SEPARATION OF MICRO-QUANTITIES OF NIOBIUM FROM<br>OTHER ELEMENTS BY THE EXTRACTIVE CHROMATOGRAPHY<br>METHOD WITH THE AID OF AMINE<br>NRCC C-17844       | # | 000000136840 |
| NAZARENKO, V. A.<br>//USPEKHI ANALITICHESKOI KHIMII//<br>00/00/1974,V----,N----, PP 0179-0183<br>EXTRACTION-PHOTOMETRIC DETERMINATION OF MICRO<br>QUANTITIES OF TANTALUM IN ROCKS<br>NRCC C-17889                                                     | # | 000000136842 |
| RUDNEV, N. A.<br>//USPEKHI ANALITICHESKOI KHIMII//<br>00/00/1974,V----,N----, PP 0236-0240<br>CERTAIN ASPECTS OF THE MECHANISM OF<br>COPRECIPITATION OF ELEMENTS WITH SULFIDES AND<br>HYDRATED OXIDES<br>NRCC C-17902                                 | # | 000000137484 |
| GRUSHANSKAYA, ZH. YA.<br>//USPEKHI BIOMETRII I BIONIKI//<br>00/00/1976,V0073,N0005, PP 0042-0052<br>INVESTIGATION OF FLOW-AROUND AND HYDRODYNAMIC<br>CHARACTERISTICS OF RIGID MODELS OF DELPHINID FINS<br>12 PP<br>DUO<br>JPRS L/7930                 | # | 000000197810 |
| UNKNOWN<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/05/1978,V0125,N0001, PP 0373-0470<br>SOVIET PHYSICS-USPEKHI 169 PP<br>AVAIL LY SERIALS<br>AMERICAN INSTITUTE OF PHYSICS-COVER TO COVER                                                                 | # | 000000186037 |
| UNKNOWN<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/07/1978,V0125,N0003, PP 0377-0573<br>SOVIET PHYSICS-USPEKHI 96 PP<br>AVAIL LY SERIALS<br>AMERICAN INSTITUTE OF PHYSICS COVER TO COVER                                                                  | # | 000000193459 |
| UNKNOWN<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/00/0000,V----,N----,<br>ADVANCES IN THE PHYSICAL SCIENCES APPROX 100 PP<br>CONSULT LY SER FOR REQUESTED ISSUE<br>REFER ALL OTHERS TO AMERICAN INSTITUTE OF PHYSICS<br>PUBLISHED MONTHLY COVER-TO-COVER | # | 000000082344 |
| CHERNYAEV, V. I.<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/00/1939,V0021,N----, PP 0466-0477<br>HYDROGEN ISOTOPE OF MASS 3<br>NTC-77-20073                                                                                                               | # | 000000248819 |
| GINZBURG, V. L.<br>//USPEKHI FIZICHESKIKH NAUK//                                                                                                                                                                                                      | # | 000000060680 |

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| 00/00/1952,V0048,N0001, PP 0025-0118<br>SUPERCONDUCTIVITY, 2, MICROSCOPIC THEORY 48 PP<br>NTIS TT-62-23147                                                                                                                              | # |              |
| BOLOTOVSKIY, B. M.<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/00/1957,V0062,N0003, PP 0202-0240<br>THEORY OF THE VAVILOV-CHERENKOV EFFECT<br>*FSTC SER. NO 505-78                                                                           | # | 000000127233 |
| BOLOTOVSKIY, B. M.<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/00/1957,V0062,N0003, PP 0202-0246<br>THEORY OF THE VAVILOV-CHERENKOV EFFECT 78 PP<br>OLD COPYRIGHT INFO REFER OTHERS TO FSTC<br>ARM/FSTC/HT-505-78                            | # | 000000169117 |
| KOPORSKIY, A. S.<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/00/1957,V0063,N----, PP 0801-0812<br>NEW INSTRUMENTS AND METHODS OF MEASURING<br>ELECTRONIC METHODS OF GENERATING SUPERNARROW<br>PULSES 18 PP<br>BLL AS 3623.66:DRIC TRANS 2934 | # | 000000173592 |
| KOPORSKIY, A. S.<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/00/1957,V0064,N0004, PP 0801-0812<br>NEW INSTRUMENTS AND METHODS OF MEASUREMENTS.<br>ELECTRONIC METHODS OF GENERATING SUPERNARROW<br>PULSES<br>TIB AD 754 218                   | # | 000000198008 |
| MOLCHANOV, A. G.<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/00/1972,V0106,N----, PP 0165-0173<br>VACUUM ULTRAVIOLET AND X-RAY LASERS<br>NTIS SC-T-722513                                                                                    | # | 000000198088 |
| MOLCHANOV, A. G.<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/00/1972,V0106,N0001, PP 0165-0173<br>LASERS GENERATING IN ULTRAVIOLET AND<br>X-RAY REGION OF THE SPECTRUM<br>NTC 76-10330-20E                                                   | # | 000000075812 |
| UNKNOWN<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/00/1973,V0016,N0003, PP 0229-0442<br>SOVIET PHYSICS - USPEKHI 3-155 PP<br>AVAIL LY SERIALS<br>AMERICAN INSTITUTE OF PHYSICS COVER TO COVER                                               | # | 000000204520 |
| BLOKHINTSEV, D. I.<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/00/1973,V0109,N----, PP 0259-0268<br>MODERN ELEMENTARY PARTICLE PHYSICS AND DEVELOPMENT<br>OF NEW ACCELERATORS<br>ERDA BNL-TR-542<br>NTC-73-14027                             | # | 000000177352 |
| UNKNOWN<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/00/1973,V0110,N----, PP 0329-0679                                                                                                                                                        |   | 000000002302 |

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| NUMBERS 3 AND 4, JULY - AUGUST 1973<br>SOVIET PHYSICS - USPEKHI, VOLUME 16, NUMBER 4<br>JANUARY - FEBRUARY 1974 PP 445-585<br>AMERICAN INSTITUTE OF PHYSICS<br>AVAILABLE IN LIBRARY SERIALS                                                                                               | # |              |
| MOROZ, V. I.<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/00/1973,V0111,N---, PP 0360-0370<br>MARS-3: ASTROPHYSICAL STUDY OF THE LOWER<br>ATMOSPHERE AND PLANET SURFACE<br>NTC 75-10612-038                                                                                                     | # | 000000032836 |
| LUGOVOI, V. N.<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/00/1973,V0111,N0002, PP 0203-0205<br>THE THEORY OF PROPAGATION OF INTENSE<br>LASER RADIATION IN A NONLINEAR MEDIUM<br>NTC 76-10331-20E                                                                                              | # | 000000075813 |
| UNKNOWN<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/00/1974,V0016,N0005, PP 0000<br>SOVIET PHYSICS USPEKHI<br>ENGLISH PP 0587-0785<br>RUSSIAN PP 0003-0195<br>VOL 111, NOS 1-2 SEPT-OCT 1974<br>VOL 16 NOS 5 MAR-APRIL 1974<br>AVAIL LY SERIALS<br>FULL TRANSLATION AMERICAN INSTITUTE PHYSICS | # | 000000012551 |
| UNKNOWN<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/00/1974,V0016,N0005, PP 0000<br>SOVIET PHYSICS USPEKHI<br>ENGLISH PP 0587-0785<br>RUSSIAN PP 0003-0195<br>VOL 111, NOS 1-2 SEPT-OCT 1974<br>VOL 16 NOS 5 MAR-APRIL 1974<br>AVAIL LY SERIALS<br>FULL TRANSLATION AMERICAN INSTITUTE PHYSICS | # | 000000012846 |
| UNKNOWN<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/00/1974,V0016,N0006, PP 0000<br>SOVIET PHYSICS USPEKHI<br>ENGLISH PP 395-560<br>RUSSIAN PP 761-943<br>VOL 111 NOS3-4 NOV DEC 1974<br>AMERICAN INSTITUTE PHYSICS<br>AVAIL LY SERIALS                                                        | # | 000000006372 |
| UNKNOWN<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/00/1974,V0017,N0001, PP 0000<br>SOVIET PHYSICS USPEKHI<br>ENGLISH PP 3-173<br>RUSSIAN PP 1-118<br>VOL 112, NOS 1-2 1974<br>AMERICAN INSTITUTE OF PHYSICS<br>AVAIL LY SERIALS                                                               | # | 000000006371 |
| UNKNOWN<br>//USPEKHI FIZICHESKIKH NAUK//                                                                                                                                                                                                                                                  | # | 000000017640 |

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| 00/00/1974,V0017,N0003, PP 0003-0365<br>NOVEMBER - DECEMBER<br>SOVIET PHYSICS USPEKHI 289-466 PP<br>VOL 113, NOS 1-2, MAY-JUNE 1974<br>AVAILABLE LY SERIALS<br>AMERICAN INSTITUTE OF PHYSICS COVER TO COVER #                              |              |
| UNKNOWN<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/00/1974,V0017,N0006, PP 0393-0687<br>SOVIET PHYSICS USPEKHI<br>ENGLISH PP 815-973<br>VOL 114, NOS 3-4<br>AVAIL LY SERIALS<br>AMERICAN INSTITUTE OF PHYSICS COVER TO COVER #                 | 000000029506 |
| UNKNOWN<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/00/1974,V0112,N----, PP 0369-0731<br>NUMBERS 3 AND 4, ALSO VOLUME 17, NO 2, 1974<br>SOVIET PHYSICS USPEKHI PP 125-288<br>AVAIL LY SERIALS<br>AMERICAN INSTITUTE OF PHYSICS COVER TO COVER # | 000000016174 |
| UNKNOWN<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/00/1974,V0112,NN----, PP 0369-0731<br>NUMBERS 3 AND 4, ALSO VOLUME 17, NO 2, 1974<br>SOVIET PHYSICS USPEKHI 125-288<br>AVAIL LY SERIALS<br>AMERICAN INSTITUTE OF PHYSICS COVER TO COVER #   | 000000015746 |
| UNKNOWN<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/00/1974,V0113,N0304, PP 0385-0737<br>JULY-AUGUST 1974<br>ADVANCES IN THE PHYSICAL SCIENCES<br>V0017,N0004, PP 467-624<br>AVAIL LY SERIALS<br>AMERICAN INSTITUTE OF PHYSICS COVER TO COVER # | 000000021188 |
| UNKNOWN<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/00/1974,V0114,N----, PP 0003-0169<br>SEPT-OCT, NOS. 1-2<br>SOVIET PHYSICS USPEKHI PP 625-814<br>AVAILABLE LY SERIALS<br>AMERICAN INSTITUTE OF PHYSICS COVER TO COVER #                      | 000000029219 |
| BASOV, N.G.<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/00/1974,V0114,N0002, PP 0213-0245<br>COMPRESSED CARBON DIOXIDE ELECTRO<br>IONIZATION LASERS<br>NISC 3636 #                                                                              | 000000020801 |
| GUDZENKO, L. I.<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/00/1974,V0114,N0003, PP 0457-0485<br>AMPLIFICATION IN RECOMBINING PLASMA<br>(PLASMA LASERS)<br>UNCLASSIFIED (COPYRIGHT MATERIAL)<br>NISC 3703 #                                     | 000000019506 |



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| TROITSKIY, V. S.<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/00/1975,V----,N0002, PP 0363-0368<br>NEW POSSIBILITIES FOR THE SOLUTION OF<br>ASTROMETRIC, GEODYNAMIC AND GEODETIC<br>PROBLEMS BY MEANS OF VLBI 10 PP<br>ACST K 6835 | 000000061918 |
| UNKNOWN<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/00/1975,V0018,N0001, PP 0003-0149<br>SOVIET PHYSICS USPEKHI<br>ENGLISH PP 1-76<br>VOL 115, NOS 1<br>AVAILABLE SERIALS<br>AMERICAN INSTITUTE OF PHYSICS COVER TO COVER         | 000000029505 |
| PRILUTSKIY, O. F.<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/00/1975,V0116,N----, PP 0517-0538<br>POWERFUL BURSTS OF COSMIC GAMMA RADIATION<br>NTC 76-13593-038                                                                  | 000000070757 |
| PRILUTSKIY, O. F.<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/00/1975,V0116,N----, PP 0517-0538<br>POWERFUL BURSTS OF COSMIC GAMMA RADIATION<br>NTC 76-13593-038                                                                  | 000000178271 |
| PRILUTSKIY, O. F.<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/00/1975,V0116,N----, PP 0517-0538<br>POWERFUL BURSTS OF COSMIC GAMMA RADIATION<br>NTC 76-13593, NTIS N76-29149, BLD                                                 | 000000277021 |
| AKHIEZER, A. I.<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/00/1975,V0117,N----, PP 0579-0580<br>BOOK REVIEW BY A. A. RUKHADZE OF "PLASMA ELECTRO<br>DYNAMICS."<br>NTC 78-12374-201                                               | 000000141131 |
| RUKHADZE, A. A.<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/00/1975,V0117,N0003, PP 0579-0580<br>BOOK REVIEW: PLASMA ELECTRODYNAMICS BY A.I.<br>AKHIEZER ET AL.<br>BRITISH LIBRARY, CTO TRANS 1326 (BLD 9091.9F)                  | 000000125025 |
| UNKNOWN<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/02/1975,V0115,N0002, PP 0161-0333<br>SOVIET PHYSICS USPEKHI PP 79-168<br>AVAILABLE LY SERIALS<br>AMERICAN INSTITUTE OF PHYSICS COVER TO COVER                                 | 000000043760 |
| UNKNOWN<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/03/1975,V0115,N0003, PP 0169-0263<br>SOVIET PHYSICS USPEKHI PP 361-539<br>AVAILABLE LY SERIALS<br>AMERICAN INSTITUTE OF PHYSICS COVER TO COVER                                | 000000023067 |
| UNKNOWN                                                                                                                                                                                                                      | 000000023066 |

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| <p>//USPEKHI FIZICHESKIKH NAUK//<br/> 00/04/1975,V0115,N0004, PP 0267-0639<br/> SOVIET PHYSICS USPEKHI PP 533-725<br/> AVAIL LY SERIALS<br/> AMERICAN INSTITUTE OF PHYSICS COVER TO COVER #</p>                  | 000000204519 |
| <p>UNKNOWN<br/> //USPEKHI FIZICHESKIKH NAUK//<br/> 00/05/1975,V0116,N0001, PP 0165-0167<br/> IN MEMORY OF ALEKSANDR L'VOVICH MINTS 5 PP<br/> CSO: 8344/0149-76 COMPLETE SPECIAL #</p>                            | 000000023065 |
| <p>UNKNOWN<br/> //USPEKHI FIZICHESKIKH NAUK//<br/> 00/05/1975,V0116,N0001, PP 0305-0389<br/> SOVIET PHYSICS USPEKHI PP 5-165<br/> AVAIL LY SERIALS<br/> AMERICAN INSTITUTE OF PHYSICS COVER TO COVER #</p>       | 000000044967 |
| <p>UNKNOWN<br/> //USPEKHI FIZICHESKIKH NAUK//<br/> 00/06/1975,V0016,N0002, PP 0193-0376<br/> SOVIET PHYSICS USPEKHI PP 391-480<br/> AVAILABLE LY SERIALS<br/> AMERICAN INSTITUTE OF PHYSICS COVER TO COVER #</p> | 000000049925 |
| <p>PRILUTSKIY, O. F.<br/> //USPEKHI FIZICHESKIKH NAUK//<br/> 00/07/1975,V0116,N0003, PP 0517-0538<br/> POWERFUL BURSTS OF COSMIC GAMMA RADIATION 43 PP<br/> NASA-TT-F-16733 #</p>                                | 000000041811 |
| <p>UNKNOWN<br/> //USPEKHI FIZICHESKIKH NAUK//<br/> 00/09/1975,V0018,N0009, PP 0003-0194<br/> SOVIET PHYSICS PP 649-755<br/> AVAIL LY SERIALS<br/> AMERICAN INSTITUTE OF PHYSICS COVER TO COVER #</p>             | 000000204521 |
| <p>UNKNOWN<br/> //USPEKHI FIZICHESKIKH NAUK//<br/> 00/10/1975,V0018,N0010, PP 0227-0229<br/> SOVIET PHYSICS - USPEKHI 757-844 PP<br/> AVAIL LY SERIALS<br/> AMERICAN INSTITUTE OF PHYSICS COVER TO COVER #</p>   | 000000066160 |
| <p>UNKNOWN<br/> //USPEKHI FIZICHESKIKH NAUK//<br/> 00/11/1975,V0117,N0003, PP 0401-0578<br/> SOVIET PHYSICS 85 PP<br/> AVAILABLE LY SERIALS<br/> AMERICAN INSTITUTE OF PHYSICS COVER TO COVER #</p>              | 000000080458 |
| <p>UNKNOWN<br/> //USPEKHI FIZICHESKIKH NAUK//<br/> 00/12/1975,V0018,N0012, PP 0585-0709<br/> SOVIET PHYSICS USPEKHI 931-999 PP<br/> AVAIL LY SERIALS<br/> AMERICAN INSTITUTE OF PHYSICS COVER TO COVER #</p>     | 000000080454 |
| <p>UNKNOWN<br/> //USPEKHI FIZICHESKIKH NAUK//<br/> 00/12/1975,V0117,N0004, PP 0585-0709<br/> SOVIET PHYSICS USPEKHI 931-999 PP</p>                                                                               |              |

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| AVAIL LY SERIALS<br>AMERICAN INSTITUTE OF PHYSICS COVER TO COVER #                                                                                                                                                           | 000000080459 |
| UNKNOWN<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/00/1976,V----,N0001, PP 0001-0103<br>DECEMBER-JANUARY VOLUME 118-120<br>SOVIET PHYSICS USPEKHI 1-190 PP<br>AVAIL LY SERIALS<br>AMERICAN INSTITUTE OF PHYSICS COVER TO COVER # |              |
| KAPITSA, P. L.<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/00/1976,V0118,N0002, PP 0307-0314<br>ENERGY AND PHYSICS 12 PP<br>ERDA-TR-225 #                                                                                         | 000000064527 |
| KAPITSA, P. L.<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/00/1976,V0118,N0002, PP 0307-0314<br>ENERGY AND PHYSICS<br>GUD COPYRIGHT INFO REFER OTHERS TO FSTC<br>ARM/FSTC-AST18201-033-76 #                                       | 000000074016 |
| DELONE, N. B.<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/00/1976,V0120,N0001, PP 0003-0054<br>NON-RESONANCE PERTURBATION OF AN ATOMIC SPECTRUM<br>IN A STRONG LIGHT FIELD<br>AVAIL LY SERIALS<br>AMERICAN INSTITUTE OF PHYSICS # | 000000293611 |
| MAKAROV, E. F.<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/00/1976,V0120,N0001, PP 0055-0084<br>GAMMA RESONANCE SPECTROSCOPY OF SOLIDS UNDER A<br>HIGH-FREQUENCY EXCITATION<br>AMERICAN INSTITUTE OF PHYSICS #                    | 000000294092 |
| VOLKOV, M. K.<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/00/1976,V0120,N0003, PP 0363-0392<br>QUANTUM FIELD THEORY WITH A CHIRAL LAGRANGEAN AND<br>PHYSICS OF LOW ENERGY MESONS<br>AMERICAN INSTITUTE OF PHYSICS #               | 000000135741 |
| DERYAGIN, A. V.<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/00/1976,V0120,N0003, PP 0393-0438<br>RARE-EARTH MAGNETICALLY HARD MATERIALS<br>AMERICAN INSTITUTE OF PHYSICS #                                                        | 000000148392 |
| BETHE, H. A.<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/00/1976,V0120,N0003, PP 0455-0476<br>THE NECESSITY OF NUCLEAR ENERGY<br>AMERICAN INSTITUTE OF PHYSICS #                                                                  | 000000141726 |
| UNKNOWN<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/01/1976,V0019,N0001, PP 0001-0103<br>SOVIET PHYSICS USPEKHI 3-190<br>AVAIL LY SERIALS<br>AMERICAN INSTITUTE OF PHYSICS COVER TO COVER #                                       | 000000080460 |

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| UNKNOWN<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/02/1976,V0118,N0002, PP 0193-0354<br>SOVIET PHYSICS-USPEKHI 105-205 PP<br>AVAIL LY SERIALS<br>AMERICAN INSTITUTE OF PHYSICS COVER TO COVER #                  | 000000079441 |
| UNKNOWN<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/03/1976,V0118,N0003, PP 0385-0546<br>SOVIET PHYSICS-USPEKHI 207-274<br>AVAIL LY SERIALS<br>AMERICAN INSTITUTE OF PHYSICS COVER TO COVER #                     | 000000079442 |
| ZEL'BOVICH, YA. B.<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/04/1976,V-----,N-----, PP 0743-0746<br>SEMENOV, CHEMICAL PHYSICIST, CELEBRATES 80TH<br>BIRTHDAY 7 PP<br>GUO<br>JPRS L/6568 #                       | 000000056385 |
| UNKNOWN<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/12/1976,V0120,N0004, PP 0581-0712<br>SOVIET PHYSICS USPEKHI 969-1044 PP<br>AVAIL LY SERIALS<br>AMERICAN INSTITUTE OF PHYSICS COVER TO COVER #                 | 000000077832 |
| NIKITIN, YU. P.<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/00/1977,V0121,N0001, PP 0003-0053<br>INTERACTION OF HIGH-ENERGY PARTICLES WITH NUCLEI<br>AMERICAN INSTITUTE OF PHYSICS #                              | 000000125535 |
| PATASHINSKII, A. Z.<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/00/1977,V0121,N0001, PP 0055-0096<br>RENORM-GROUP METHOD IN THE THEORY OF PHASE<br>TRANSITIONS<br>AMERICAN INSTITUTE OF PHYSICS #                 | 000000125976 |
| DYKHNE, A. M.<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/00/1977,V0121,N0001, PP 0157-0168<br>SIMULATED EFFECTS SHAKING OF ELECTRONS IN AN EX<br>TERNAL ELECTROMAGNETIC FIELD<br>AMERICAN INSTITUTE OF PHYSICS # | 000000125437 |
| VOLKOV, M. K.<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/00/1977,V0121,N0001, PP 0171-0174<br>FUNDAMENTAL PROBLEMS IN THE QUANTUM FIELD THEORY<br>AMERICAN INSTITUTE OF PHYSICS #                                | 000000125977 |
| GRIBKOV, V. A.<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/00/1977,V0121,N0001, PP 0179-0181<br>MONOGRAPH ON NUCLEAR FUSION<br>AMERICAN INSTITUTE OF PHYSICS #                                                    | 000000126066 |
| LYUBIMOV, V. A.<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/00/1977,V0121,N0002, PP 0193-0230                                                                                                                     | 000000133452 |

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| INTERACTIONS OF HIGH-ENERGY NEUTRONS<br>AMERICAN INSTITUTE OF PHYSICS                                                                                                                                                       | # |              |
| GABOVICH, M. D.<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/00/1977,V0121,N0002, PP 0259-0284<br>ION-BEAM PLASMAS AND THE PROPAGATION OF INTENSE<br>COMPENSATED IONIC BEAMS<br>AMERICAN INSTITUTE OF PHYSICS                     | # | 000000133469 |
| GABOVICH, M. D.<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/00/1977,V0121,N0002, PP 0259-0284<br>ION BEAM PLASMAS AND THE PROPAGATION OF<br>INTENSE COMPENSATED IONIC BEAMS<br>AVAIL LY SERIALS<br>AMERICAN INSTITUTE OF PHYSICS | # | 000000293542 |
| ROZENTAL, I. L.<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/00/1977,V0121,N0002, PP 0319-0330<br>COSMIC OBJECTS AND ELEMENTARY PARTICLES<br>AMERICAN INSTITUTE OF PHYSICS                                                        | # | 000000144222 |
| ROZENTAL, I. L.<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/00/1977,V0121,N0002, PP 0319-0330<br>COSMIC OBJECTS AND ELEMENTARY PARTICLES<br>AMERICAN INSTITUTE OF PHYSICS                                                        | # | 000000298395 |
| MARINOV, M. S.<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/00/1977,V0121,N0003, PP 0377-0426<br>RELATIVISTIC STRINGS AND DUAL MODELS OF STRONG<br>INTERACTIONS<br>AMERICAN INSTITUTE OF PHYSICS                                  | # | 000000133443 |
| BASOV, N. G.<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/00/1977,V0121,N0003, PP 0427-0456<br>NEW METHODS OF SEPARATING ISOTOPES<br>*AMERICAN INSTITUTE OF PHYSICS                                                               | # | 000000134059 |
| BASOV, N. G.<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/00/1977,V0121,N0003, PP 0427-0456<br>NEW METHODS OF SEPARATING ISOTOPES<br>AMERICAN INSTITUTE OF PHYSICS                                                                | # | 000000289778 |
| BASOV, N.G.<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/00/1977,V0121,N0003, PP 0427-0456<br>NEW METHODS OF SEPARATING ISOTOPES<br>AMERICAN INSTITUTE OF PHYSICS                                                                 | # | 000000289766 |
| SHIKIN, V. B.<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/00/1977,V0121,N0003, PP 0457-0498<br>MOBILITIES OF CHARGES IN LIQUID, SOLID AND<br>DENSE GASEOUS HELIUM<br>AMERICAN INSTITUTE OF PHYSICS                               | # | 000000150040 |
| MINTS, R. G.<br>//USPEKHI FIZICHESKIKH NAUK//                                                                                                                                                                               |   | 000000150048 |

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| 00/00/1977,V0121,N0003, PP 0499-0524<br>MAGNETIC INSTABILITIES IN HARD SUPERCONDUCTORS<br>AMERICAN INSTITUTE OF PHYSICS                                                                                                                       |              |
| MILLER, M. A.<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/00/1977,V0121,N0003, PP 0525-0538<br>THE COVARIANCE OF MAXWELL'S EQUATIONS AND THE<br>COMPARISON OF ELECTODYNAMICAL SYSTEMS<br>AMERICAN INSTITUTE OF PHYSICS                             | 000000150050 |
| LEONAS, V. B.<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/00/1977,V0121,N0004, PP 0561-0592<br>IONIZATION OF ATOMIC PARTICLES AT SLOW COLLISIONS<br>AMERICAN INSTITUTE OF PHYSICS                                                                  | 000000131716 |
| LEONAS, V. B.<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/00/1977,V0121,N0004, PP 0561-0592<br>IONIZATION OF ATOMIC PARTICLES AT SLOW COLLISIONS<br>AMERICAN INSTITUTE OF PHYSICS                                                                  | 000000292802 |
| GRISHCHUK, L. P.<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/00/1977,V0121,N0004, PP 0629-0656<br>GRAVITATIONAL WAVES IN SPACE AND IN A LABORATORY<br>AMERICAN INSTITUTE OF PHYSICS                                                                | 000000150045 |
| BEREZINSKIY, V. S.<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/00/1977,V0122,N0001, PP 0003-0036<br>POSSIBILITIES OF EXPERIMENT WITH HIGH ENERGY<br>NEUTRINOS: A PROJECT DUMAND<br>AMERICAN INSTITUTE OF PHYSICS                                   | 000000134248 |
| BUSHUYEV, V. A.<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/00/1977,V0122,N0001, PP 0081-0124<br>INELASTIC SCATTERING OF X-RAY AND SYNCHROTRON<br>RADIATION IN CRYSTALS, COHERENT EFFECTS IN<br>INELASTIC SCATTERING<br>AMERICAN GEOPHYSICAL UNION | 000000141710 |
| SOL'SHOV, L. A.<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/00/1977,V0122,N0001, PP 0125-0158<br>SUBMONOLAYERED FILMS ON METAL SURFACES<br>AMERICAN INSTITUTE OF PHYSICS                                                                           | 000000129431 |
| SOL'SHOV, L. A.<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/00/1977,V0122,N0001, PP 0125-0158<br>SUBMONOLAYERED FILMS ON METAL SURFACES<br>AMERICAN INSTITUTE OF PHYSICS                                                                           | 000000129940 |
| FILYUKOV, A. A.<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/00/1977,V0122,N0001, PP 0179-0182<br>INERTIAL CONFINEMENT OF A THERMONUCLEAR PLASMA:<br>A NEW STATE<br>NTC 78-12549-201                                                                | 000000146971 |
| ANISIMOV, S. I.                                                                                                                                                                                                                               | 000000167122 |

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| <p>//USPEKHI FIZICHESKIKH NAUK//<br/> 00/00/1977,V0122,N0002, PP 0185-0222<br/> NON-LINEAR PHOTOELECTRIC EFFECT IN METALS PRODUCED<br/> BY A LASER RADIATION<br/> AMERICAN INSTITUTE OF PHYSICS</p>                                                                      | 000000293612 |
| <p>ANISIMOV, S. I.<br/> //USPEKHI FIZICHESKIKH NAUK//<br/> 00/00/1977,V0122,N0002, PP 0185-0222<br/> NON-LINEAR PHOTOELECTRIC EFFECT IN METALS PRODUCED<br/> BY A LASER RADIATION<br/> AVAIL LY SERIALS<br/> AMERICAN INSTITUTE OF PHYSICS</p>                           | 000000167149 |
| <p>LUSHCHIK, CH. B.<br/> //USPEKHI FIZICHESKIKH NAUK//<br/> 00/00/1977,V0122,N0002, PP 0223-0252<br/> DECAY OF ELECTRON EXCITATIONS INTO RADIATION<br/> DEFECTS IN IONIC CRYSTALS<br/> AMERICAN INSTITUTE OF PHYSICS</p>                                                 | 000000167082 |
| <p>DUDOROV, V. N.<br/> //USPEKHI FIZICHESKIKH NAUK//<br/> 00/00/1977,V0122,N0002, PP 0253-0294<br/> SYNTHESIS AND PHYSICAL PROPERTIES OF MONOCRYSTAL<br/> LINE FILMS OF RARE EARTH FERRITES-GARNETS<br/> AMERICAN INSTITUTE OF PHYSICS</p>                               | 000000247284 |
| <p>DUDOROV, V. N.<br/> //USPEKHI FIZICHESKIKH NAUK//<br/> 00/00/1977,V0122,N0002, PP 0253-0294<br/> SYNTHESIS AND PHYSICAL PROPERTIES OF<br/> MONOCRYSTALLINE FILMS OF RARE EARTH FERRITES<br/> GARNETS<br/> AMERICAN INSTITUTE OF PHYSICS</p>                           | 000000167024 |
| <p>SKOBEL'TSYN, D. V.<br/> //USPEKHI FIZICHESKIKH NAUK//<br/> 00/00/1977,V0122,N0002, PP 0295-0324<br/> PARADOXES IN QUANTUM THEORY OF THE<br/> VAVILOV-CHERENKOV AND THE DOPPLER EFFECTS<br/> AMERICAN INSTITUTE OF PHYSICS</p>                                         | 000000167025 |
| <p>GINZBURG, V. L.<br/> //USPEKHI FIZICHESKIKH NAUK//<br/> 00/00/1977,V0122,N0002, PP 0325-0326<br/> REMARKS TO D.V. SKOBEL'TSYN'S ARTICLE PARADOXES<br/> IN QUANTUM THEORY OF THE VAVILOV-CHERENKOV AND<br/> THE DOPPLER EFFECTS<br/> AMERICAN INSTITUTE OF PHYSICS</p> | 000000130493 |
| <p>KAPITZA, P. L.<br/> //USPEKHI FIZICHESKIKH NAUK//<br/> 00/00/1977,V0122,N0002, PP 0327-0337<br/> GLOBAL PROBLEMS AND ENERGY<br/> *AMERICAN INSTITUTE OF PHYSICS</p>                                                                                                   | 000000132534 |
| <p>ZAVOISKII, E. K.<br/> //USPEKHI FIZICHESKIKH NAUK//<br/> 00/00/1977,V0122,N0002, PP 0338-0340<br/> MEN AND THE NATURAL ENVIRONMENT: PROBLEMS OF<br/> FUTURE<br/> AMERICAN INSTITUTE OF PHYSICS</p>                                                                    |              |

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| ZAVOYTSKIY, E. K.<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/00/1977,V0122,N0002, PP 0338-0340<br>MEN AND THE NATURAL ENVIRONMENT: PROBLEMS OF<br>FUTURE<br>AMERICAN INSTITUTE OF PHYSICS #                                                  | 000000289725 |
| ARSENIN, V. V.<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/00/1977,V0123,N0001, PP 0006-0129<br>THE SUPPRESSION OF PLASMA INSTABILITIES BY THE<br>FEEDBACK METHOD<br>NTC 78-11804-201 #                                                       | 000000136788 |
| UNKNOWN<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/01/1977,V0121,N0001, PP 0003-0179<br>SOVIET PHYSICS - USPEKHI 93 PP<br>AVAIL LY SERIALS<br>AMERICAN INSTITUTE OF PHYSICS COVER TO COVER #                                                 | 000000204524 |
| UNKNOWN<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/02/1977,V0121,N0002, 0193-0351<br>SOVIET PHYSICS USPEKHI 97-178 PP<br>AVAIL LY SERIALS<br>AMERICAN INSTITUTE OF PHYSICS COVER TO COVER #                                                  | 000000083515 |
| UNKNOWN<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/03/1977,V0121,N0003, PP 0377-0547<br>SOVIET PHYSICS USPEKHI 179-276 PP<br>AVAIL LY SERIALS<br>AMERICAN INSTITUTE OF PHYSICS COVER TO COVER #                                              | 000000087903 |
| VELIKHOV, YE. P.<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/03/1977,V0122,N0003, PP 0419-0447<br>SEMISELF-SUSTAINED GAS DISCHARGE FOR CW CO2 LASER<br>EXCITATION 57 PP<br>DUO COPYRIGHT INFO REFER OTHERS TO NAVY<br>NAV/NISC/TRAN-4018-78 # | 000000204557 |
| UNKNOWN<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/04/1977,V0121,N0004, PP 0279-0356<br>SOVIET PHYSICS - USPEKHI 745 PP<br>AMERICAN INSTITUTE OF PHYSICS COVER TO COVER #                                                                    | 000000204518 |
| UNKNOWN<br>//USPEKHI FIZICHESKIKH NAUK//<br>01/05/1977,V0122,N0001, PP 0003-0179<br>SOVIET PHYSICS - USPEKHI 362-463<br>AVAIL LY SERIALS<br>AMERICAN INSTITUT OF PHYSICS COVER TO COVER #                                                | 000000204523 |
| ANISIMOV, S. I.<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/06/1977,V0122,N0002, PP 0185-0222<br>NONLINEAR PHOTOELECTRIC EFFECT IN METALS UNDER THE<br>INFLUENCE OF LASER RADIATION 53 PP<br>JPRS 70602 #                                     | 000000109938 |
| ARSENIN, V. V.                                                                                                                                                                                                                           | 000000105172 |



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| <p>//USPEKHI FIZICHESKIKH NAUK//<br/> 00/09/1977,V0123,N0001, PP 0006-0129<br/> SUPPRESSION OF PLASMA INSTABILITIES BY REGENERATIVE COUPLING<br/> *ERDA/TIC</p>                                          | # | 000000129216 |
| <p>ARSENIN, V. V.<br/> //USPEKHI FIZICHESKIKH NAUK//<br/> 00/09/1977,V0123,N0001, PP 0006-0129<br/> SUPPRESSION OF PLASMA INSTABILITIES BY THE FEED BACK METHOD 59 PP<br/> ERDA/ORNL-TR-4584-78</p>      | # | 000000129725 |
| <p>ARSENIN, V. V.<br/> //USPEKHI FIZICHESKIKH NAUK//<br/> 00/09/1977,V0123,N0001, PP 0006-0129<br/> SUPPRESSION OF PLASMA INSTABILITIES BY THE FEED BACK METHOD 59 PP<br/> ERDA/ORNL-TR-4584-78</p>      | # | 000000204522 |
| <p>UNKNOWN<br/> //USPEKHI FIZICHESKIKH NAUK//<br/> 00/10/1977,V0121,N0004, PP 0279-0356<br/> SOVIET PHYSICS - USPEKHI 745 PP<br/> AVAIL LY SERIALS<br/> AMERICAN INSTITUTE OF PHYSICS COVER TO COVER</p> | # | 000000133386 |
| <p>UNKNOWN<br/> //USPEKHI FIZICHESKIKH NAUK//<br/> 00/10/1977,V0123,N0002, PP 0169-0349<br/> SOVIET PHYSICS-USPEKHI 769-870 PP<br/> AVAIL LY SERIALS<br/> CONSULTANTS BUREAU COVER TO COVER</p>          | # | 000000138939 |
| <p>DERGYAGIN, B. V.<br/> //USPEKHI FIZICHESKIKH NAUK//<br/> 00/05/1978,V0125,N0001, PP 0011-0018<br/> BIOGRAPHICAL DATA ON PETR PETROVICH LAZARE 9 PP<br/> JPRS 71727</p>                                | # | 000000140305 |
| <p>LETOKHOV, V. S.<br/> //USPEKHI FIZICHESKIKH NAUK//<br/> 00/05/1978,V0125,N0001, PP 0057-0096<br/> SELECTIVE EFFECT OF LASER IRRADIATION OF MATTER 57 PP<br/> JPRS 71782</p>                           | # | 000000189169 |
| <p>UNKNOWN<br/> //USPEKHI FIZICHESKIKH NAUK//<br/> 00/06/1978,V0125,N0002, PP 0251-0369<br/> SOVIET PHYSICS-USPEKHI 68 PP<br/> AVAIL LY SERIALS<br/> AMERICAN INSTITUTE OF PHYSICS COVER TO COVER</p>    | # | 000000196601 |
| <p>UNKNOWN<br/> //USPEKHI FIZICHESKIKH NAUK//<br/> 00/09/1978,V0126,N0001, PP 0003-0173<br/> SOVIET PHYSICS-USPEKHI 165 PP<br/> AVAIL LY SERIALS<br/> AMERICAN INSTITUTE OF PHYSICS COVER TO COVER</p>   | # | 000000152032 |
| <p>ARMAND, N. A.<br/> //USPEKHI FIZICHESKIKH NAUK//<br/> 00/09/1978,V0126,N0001, PP 0165-0168</p>                                                                                                        |   |              |

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| VLADIMIR ALEKSANDROVICH KOTEL'NIKOV ION HIS<br>SEVENTIETH BIRTHDAY) 6 PP<br>JPRS 72683                                                                                                                                                  | # |              |
| BOYARCHUK, A. A.<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/09/1978,V0126,N0001, PP 0169-0172<br>VIKTOR AMAZASPOVICH AMBARTSUMYAN ION HIS<br>SEVENTIETH BIRTHDAY) 6 PP<br>JPRS 72683                                                        | # | 000000152044 |
| UNKNOWN<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/10/1978,V0126,N0002, PP 0185-0334<br>SOVIET PHYSICS 334 PP<br>AVAIL LY SERIALS<br>AMERICAN INSTITUTE OF PHYSICS COVER TO COVER                                                           | # | 000000201721 |
| UNKNOWN<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/10/1978,V0126,N0002, PP 0334-0342<br>SCIENTIFIC SESSION OF THE DIVISION OF GENERAL<br>PHYSICS AND ASTRONOMY OF THE USSR ACADEMY OF<br>SCIENCES (15-16 FEBRUARY 1978) 17 PP<br>JPRS 72683 | # | 000000152042 |
| BARIT, I. YA.<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/10/1978,V0126,N0002, PP 0343-0347<br>IL'YA MIKHAYLOVICH FRANK 10 PP<br>JPRS 72683                                                                                                  | # | 000000152045 |
| ALFEROV, ZH. I.<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/10/1978,V0126,N0002, PP 0349-0351<br>GASAN MAMED BAGIR OGLY ABDULLAYEV 5 PP<br>JPRS 72683                                                                                        | # | 000000152043 |
| UNKNOWN<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/11/1978,V0126,N0003, PP 0361-0541<br>SOVIET PHYSICS USPEKHI 86 PP<br>AVAIL LY SERIALS<br>AMERICAN INSTITUTE OF PHYSICS COVER TO COVER                                                    | # | 000000207976 |
| UNKNOWN<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/12/1978,V0126,N0004, PP 0657-0689<br>SOVIET PHYSICS-USPEKHI 981-1018 PP<br>AVAIL LY SERIALS<br>AIP COVER TO COVER                                                                        | # | 000000311568 |
| KOROP, YE. D.<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/00/1979,V0129,N----, PP 0087-0112<br>ISSUE 1<br>MICROPINCH IN A HEAVY-CURRENT DIODE<br>*FSTC SERIAL NO 191-80                                                                      | # | 000000242055 |
| UNKNOWN<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/01/1979,V0127,N0001, PP 0051-0177<br>SOVIET PHYSICS-USPEKHI 62 PP<br>AVAIL LY SERIALS                                                                                                    |   | 000000311628 |

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| AMERICAN INSTITUTE OF PHYSICS COVER TO COVER #  |              |
| UNKNOWN                                         | 000000237591 |
| //USPEKHI FIZICHESKIKH NAUK//                   |              |
| 00/03/1979,V0127,N0003, PP 0353-0537            |              |
| SOVIET PHYSICS-USPEKHI 185 PP                   |              |
| AVAIL LY SERIALS                                |              |
| AMERICAN INSTITUTE OF PHYSICS COVER TO COVER #  |              |
| UNKNOWN                                         | 000000286162 |
| //USPEKHI FIZICHESKIKH NAUK//                   |              |
| 00/04/1979,V0127,N0004, PP 0553-0733            |              |
| SOVIET PHYSICS-USPEKHI 95 PP                    |              |
| AVAIL LY SERIALS                                |              |
| AMERICAN INSTITUTE OF PHYSICS COVER TO COVER #  |              |
| UNKNOWN                                         | 000000189125 |
| //USPEKHI FIZICHESKIKH NAUK//                   |              |
| 00/04/1979,V0127,N0004, PP 0723-0730            |              |
| SCIENTIFIC SESSION OF THE DEPARTMENT OF GENERAL |              |
| PHYSICS AND ASTRONOMY OF THE USSR ACADEMY OF    |              |
| SCIENCES 15 PP                                  |              |
| JPRS 74498                                      |              |
| DAVYDOV, A. S.                                  | 000000189124 |
| //USPEKHI FIZICHESKIKH NAUK//                   |              |
| 00/04/1979,V0127,N0004, PP 0731-0732            |              |
| EULOGY OF VLADIMIR L'OVOVICH BROUDE 3 PP        |              |
| JPRS 74498                                      |              |
| UNKNOWN                                         | 000000245059 |
| //USPEKHI FIZICHESKIKH NAUK//                   |              |
| 00/05/1979,V0128,N0001, PP 0003-0187            |              |
| SOVIET PHYSICS-USPEKHI 92 PP                    |              |
| AVAIL LY SERIALS                                |              |
| AMERICAN INSTITUTE OF PHYSICS COVER TO COVER #  |              |
| UNKNOWN                                         | 000000229507 |
| //USPEKHI FIZICHESKIKH NAUK//                   |              |
| 00/06/1979,V0128,N0002, PP 0193-0270            |              |
| SOVIET PHYSICS-USPEKHI 389-488 PP               |              |
| AVAIL LY SERIAL                                 |              |
| AMERICAN INSTITUTE OF PHYSICS COVER TO COVER #  |              |
| UNKNOWN                                         | 000000231884 |
| //USPEKHI FIZICHESKIKH NAUK//                   |              |
| 00/07/1979,V0128,N0003, PP 0393-0545            |              |
| SOVIET PHYSICS USPEKHI 99 PP                    |              |
| AVAIL LY SERIALS                                |              |
| AMERICAN INSTITUTE OF PHYSICS COVER TO COVER #  |              |
| UNKNOWN                                         | 000000229506 |
| //USPEKHI FIZICHESKIKH NAUK//                   |              |
| 00/08/1979,V0128,N0004, PP 0577-0721            |              |
| SOVIET PHYSICS-USPEKHI 589-678 PP               |              |
| AVAIL LY SERIAL                                 |              |
| AMERICAN INSTITUTE OF PHYSICS COVER TO COVER #  |              |
| UNKNOWN                                         | 000000237693 |
| //USPEKHI FIZICHESKIKH NAUK//                   |              |
| 00/10/1979,V0129,N0002, PP 0177-0351            |              |
| SOVIET PHYSICS-USPEKHI 70 PP                    |              |
| AVAIL LY SERIALS                                |              |
| AMERICAN INSTITUTE PHYSICS COVER TO COVER #     |              |

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| UNKNOWN<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/11/1979,V0129,N0003, PP 0377-0549<br>SOVIET PHYSICS - USPEKHI 843-942 PP<br>AVAIL LY SERIALS<br>AMERICAN INSTITUTE OF PHYSICS COVER TO COVER #                           | 000000269984 |
| UNKNOWN<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/12/1979,V0129,N0004, PP 0615-0705<br>SOVIET PHYSICS - USPEKHI 56 PP<br>AVAIL LY SERIAL<br>AMERICAN INSTITUTE OF PHYSICS COVER TO COVER #                                 | 000000251790 |
| VLASOV, V. V.<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/00/1980,V0131,N0002, PP 0316-0326<br>NEW BOOK ON PHYSICS PUBLISHED IN THE USSR<br>*FTD-IDIRSIT-2069-80 #                                                           | 000000246388 |
| KAPCHINSKIY, I. M.<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/00/1980,V0132,N----, PP 0639-0661<br>HIGH-CURRENT LINEAR ION ACCELERATORS<br>NTC 81-12645-20G #                                                               | 000000294529 |
| UNKNOWN<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/01/1980,V0130,N0001, PP 0003-0189<br>SOVIET PHYSICS USPEKHI 180 PP<br>AVAIL LY SERIALS<br>AIP COVER TO COVER #                                                           | 000000251883 |
| UNKNOWN<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/02/1980,V0130,N0002, PP 0193-0361<br>SOVIET PHYSICS USPEKHI 73 PP<br>AVAIL LY SERIAL<br>AIP COVER TO COVER #                                                             | 000000251727 |
| UNKNOWN<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/03/1980,V0130,N0003, PP 0377-0521<br>SOVIET PHYSICS-USPEKHI PP 179-225<br>VOL. 23 NO. 3 MARCH 1980<br>AVAIL LY SERIALS<br>AMERICAN INSTITUTE OF PHYSICS COVER TO COVER # | 000000264528 |
| UNKNOWN<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/04/1980,V0130,N0004, PP 0675-0717<br>SOVIET PHYSICS-USPEKHI PP 227-244<br>VOL. 23 NO. 4 APRIL 1980<br>AVAIL LY SERIALS<br>AMERICAN INSTITUTE OF PHYSICS COVER TO COVER # | 000000264527 |
| UNKNOWN<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/05/1980,V0131,N0001, PP 0003-0073<br>SOVIET PHYSICS 40 PP<br>AMERICAN INSTITUTE OF PHYSICS COVER TO COVER #                                                              | 000000247228 |
| SHUMAN, W.<br>//USPEKHI FIZICHESKIKH NAUK//                                                                                                                                                                             | 000000298665 |

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| 00/06/1980,V0131,N0003, PP 0528-0529<br>HOLOGRAPHIC INTERFEROMETRY 4 PP<br>OLD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO<br>AIR/FTD-ID(RS)T-1868-80                                         | 000000259224 |
| UNKNOWN<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/07/1980,V0131,N0003, PP 0329-0523<br>SOVIET PHYSICS-USPEKHI 323-428 PP<br>AVAILS LY SERIALS<br>AIP COVER TO COVER                            | 000000283061 |
| UNKNOWN<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/07/1980,V0131,N0003, PP 0329-0523<br>SOVIET PHYSICS-USPEKHI 323-428 PP<br>AVAILS LY SERIALS<br>AIP COVER TO COVER                            | 000000266556 |
| UNKNOWN<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/08/1980,V0131,N0004, PP 0537-0724<br>SOVIET PHYSICS--USPEKHI 429-524 PP<br>AVAILS LY SERIALS<br>AMERICAN INSTITUTE OF PHYSICS COVER TO COVER | 000000282342 |
| UNKNOWN<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/09/1980,V0132,N0001, PP 0003-0197<br>SOVIET PHYSICS - USPEKHI 525-628 PP<br>AVAIL LY SERIALS<br>AIP COVER TO COVER                           | 000000287130 |
| UNKNOWN<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/11/1980,V0132,N0003, PP 0713-0810<br>SOVIET PHYSICS USPEKHI 409-811 PP<br>AVIAL LY SERIALS<br>AMERICAN INSTITUTE OF PHYSICS COVER TO COVER   | 000000291469 |
| UNKNOWN<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/12/1980,V0132,N0004, PP 0601-0707<br>SOVIET PHYSICS PP 813-886<br>AMERICAN INSTITUTE OF PHYSICS<br>COVER TO COVER AVAIL LY SERIALS           | 000000304820 |
| UNKNOWN<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/01/1981,V0133,N0001, PP 0003-0183<br>SOVIET PHYSICS USPEKHI 78 PP<br>AVAIL LY SERIAL<br>AMERICAN INSTITUTE OF PHYSICS COVER TO COVER         | 000000304821 |
| UNKNOWN<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/02/1981,V0133,N0002, PP 0193-0368<br>SOVIET PHYSICS USPEKHI 79-160 PP<br>AVAIL LY SERIAL<br>AMERICAN INSTITUTE OF PHYSICS COVER TO COVER     | 000000304822 |
| UNKNOWN<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/03/1981,V0133,N0003 PP 0377-0554                                                                                                             |              |

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| SOVIET PHYSICS USPEKHI 161-250 PP<br>AVAIL LY SERIAL<br>AMERICAN INSTITUTE OF PHYSICS COVER TO COVER #                                                                                                                                                                               | 000000304823 |
| UNKNOWN<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/04/1981,V0133,N0004, PP 0569-0741<br>SOVIET PHYSICS USPEKHI 251-340 PP<br>AVAIL LY SERIAL<br>AMERICAN INSTITUTE OF PHYSICS COVER TO COVER #                                                                                           | 000000310949 |
| UNKNOWN<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/05/1981,V0134,N0001, PP 0341-0444<br>SOVIET PHYSICS PP 3-175<br>AVAIL LY SERIALS<br>AMERICAN INSTITUTE OF PHYSICS, COVER TO COVER #                                                                                                   | 000000305934 |
| UNKNOWN<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/06/1981,V0134,N0002, PP 0185-0359<br>SOVIET PHYSICS USPEKHI 447-529 PP<br>AVAIL LY SERIALS<br>AMERICAN INSTITUTE OF PHYSICS COVER TO COVER #                                                                                          | 000000297668 |
| GINZBURG, V. L.<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/07/1981,V0134,N0003, PP 0469-0484<br>SURVEY OF RESEARCH IN PHYSICS AND ASTRONOMY 16 PP<br>DUO<br>JPRS L/10269 #                                                                                                               | 000000289676 |
| DIMOV, G. I.<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/07/1981,V0134,N0003, PP 0553-0556<br>SCIENTIFIC SESSION OF THE DIVISION OF GENERAL<br>PHYSICS AND ASTRONOMY AND THE DIVISION OF NUCLEAR<br>PHYSICS OF THE USSR ACADEMY OF SCIENCES 6 PP<br>CSO: 8144/0186-82 COMPLETED SPECIAL # | 000000281439 |
| UNKNOWN<br>//USPEKHI FIZICHESKIKH NAUK//<br>00/10/1980,V0132,N0002, PP 255-395<br>ADVANCES IN THE PHYSICAL SCIENCES, SOVIET PHYSICS<br>82 PP<br>AMERICAN INSTITUTE OF PHYSICS #                                                                                                      | 000000014981 |
| ARUSHANYAN, YE. B.<br>//USPEKHI FIZIOLOGICHESKIKH NAUK//<br>00/00/1972,V0003,N0003, PP 0112-0124<br>CERTAIN ASPECTS OF THE EFFECT OF THE NEOSTRIATUM ON<br>BEHAVIOR CONTROL 17 PP<br>JPRS 63579 #                                                                                    | 000000014596 |
| ZINGERMAN, A. M.<br>//USPEKHI FIZIOLOGICHESKIKH NAUK//<br>00/00/1974,V----,N0003, PP 0059-0081<br>SELF-ORGANIZATION OF THE SENSORIMOTOR FUNCTIONAL<br>SYSTEM IN DELAY FEEDBACK SITUATION (VISUAL<br>AFFERENTATION) IN RELATION TO END-RESULTS OF<br>ACTIVITY 36 PP<br>JPRS 65391 #   | 000000014595 |
| GULYAR, S. A.                                                                                                                                                                                                                                                                        |              |

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| <p>//USPEKHI FIZIOLOGICHESKIKH NAUK//<br/> 00/00/1974,V----,N0003, PP 0082-0101<br/> BASIC PRINCIPLES OF HUMAN ADAPTATION TO SHALLOW<br/> DEPTH UNDERWATER LABORATORIES 30 PP<br/> JPRS 65390</p>                                                                   | 000000105300 |
| <p>KOVALENKO, E. A.<br/> //USPEKHI FIZIOLOGICHESKIKH NAUK//<br/> 00/00/1975,V0006,N0003, PP 0110-0136<br/> BODY FUNCTIONS AND METABOLISM DURING PROLONGED<br/> HYPOKINESIA IN AN INTEGRATED EXPERIMENT<br/> NTC 76-12113-06S</p>                                    | 000000299932 |
| <p>KOVALENKO, YE. A.<br/> //USPEKHI FIZIOLOGICHESKIKH NAUK//<br/> 00/00/1975,V0006,N0003, PP 0110-0136<br/> BODY FUNCTIONS AND METABOLISM DURING PROLONGED<br/> HYPOKINESIA IN AN INTEGRATED EXPERIMENT<br/> NTIS N76-18779 NTC 76-12113 MICROFISCHE LOAN ONLY#</p> | 000000088378 |
| <p>TOMIKH, A. V.<br/> //USPEKHI FIZIOLOGICHESKIKH NAUK//<br/> 00/00/1976,V----,N0002, PP 0003-0012<br/> ROLE OF THE HYPOTHALMO HYPOPHYSEAL REGION AND THE<br/> SYMPATHOADRENAL SYSTEM IN BODY REACTION IN STRESS<br/> SITUATIONS 16 PP<br/> ASCI K-8352</p>         | 000000050142 |
| <p>UNKNOWN<br/> //USPEKHI FIZIOLOGICHESKIKH NAUK//<br/> 00/00/1976,V----,N0003, PP 0003-0005<br/> PROSPECTS FOR THE DEVELOPMENT OF PHYSIOLOGICAL<br/> SCIENCE IN 1976-1980 4 PP<br/> GUO<br/> JPRS L/6395</p>                                                       | 000000078974 |
| <p>SUDAKOV, K. V.<br/> //USPEKHI FIZIOLOGICHESKIKH NAUK//<br/> 00/00/1976,V----,N0004, PP 0029-0060<br/> SYSTEMIC ANALYSIS OF THE MECHANISMS OF<br/> GOAL-SEEKING BEHAVIOR 43 PP<br/> GUO<br/> JPRS L/6760</p>                                                      | 000000078975 |
| <p>BELENKOV, N. YU.<br/> //USPEKHI FIZIOLOGICHESKIKH NAUK//<br/> 00/00/1976,V----,N0004, PP 0120-0133<br/> MEMORY AS AN EFFECTOGENIC FACTOR IN THE MECHANISM<br/> OF THE CONDITIONED REFLEX 18 PP<br/> GUO<br/> JPRS L/6760</p>                                     | 000000130620 |
| <p>BELKANIYA, G. S.<br/> //USPEKHI FIZIOLOGICHESKIKH NAUK//<br/> 00/00/1978,V0009,N0002, PP 0103-0128<br/> APRIL-JUNE<br/> FUNCTIONAL SYSTEM OF ANTIGRAVITATION AND MODELLING<br/> OF PHYSIOLOGICAL EFFECTS OF REDUCED GRAVITATION<br/> #NASA TM-75525</p>          | 000000231923 |
| <p>ORLOV, B. N.<br/> //USPEKHI FIZIOLOGICHESKIKH NAUK//<br/> 00/00/1979,V0010,N0002, PP 0024-0037<br/> PHYSIOLOGICAL MECHANISMS OF THE NEUROTROPIC ACTION</p>                                                                                                       |              |

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| OF SNAKE VENOMS<br>DUO COPYRIGHT INFO REFER OTHERS TO USAMIA<br>USAMIA-HT-069-80                                                                                                                                                         |              |
| ORLOV, B. N.<br>//USPEKHI FIZIOLOGICHESKIKH NAUK//<br>00/00/1979,V0010,N0002, PP 0024-0044<br>PHYSIOLOGICAL MECHANISMS OF THE NEUROTROPIC<br>ACTION OF SNAKE VENOM<br>DUO COPYRIGHT INFO REFER OTHERS TO MIIA(SGMI-IS)<br>MIIA-HT-045-80 | 000000232476 |
| BARONENKO, V. A.<br>//USPEKHI FIZIOLOGICHESKIKH NAUK//<br>00/00/1981,V0012,N0001, PP 0138-0140<br>JAN-MAR 1981<br>REVIEW OF INTERVUZ COLLECTION "PHYSIOLOGICAL BASES<br>OF HUMAN FATIGUE" 3 PP<br>DUO<br>JPRS L/9968                     | 000000279368 |
| SMIRNOV, K. M.<br>//USPEKHI FIZIOLOGICHESKIKH NAUK//<br>00/00/1981,V0012,N0003, PP 0141-0142<br>JULY- SEPTEMBER 1981<br>BOOK ON FORECASTING BORDER LINE CONDITIONS<br>REVIEWED 3 PP<br>DUO<br>JPRS L/10205                               | 000000301031 |
| KOVALENKO, YU. A.<br>//USPEKHI FIZIOLOGICHESKOY NAUK//<br>00/00/1975,V-----,N-----, PP 0110-0136<br>FUNCTIONS AND METABOLISM OF THE ORGANISM DURING<br>LONG HYPOKINESIA IN A COMPLEX EXPERIMENT<br>NASA TT F-16882                       | 000000235658 |
| KOVALENKO, YE. A.<br>//USPEKHI FIZIOLOGIYA NAUK//<br>00/00/1975,V0006,N0003, PP 0110-0136<br>BODY FUNCTIONS AND METABOLISM DURING PROLONGED<br>HYPOKINESIA IN AN INTEGRATED EXPERIMENT 39 PP<br>NASA TT F-16882                          | 000000102552 |
| KURBSKIY, G. P.<br>//USPEKHI GAZOVOY KHRMATOGRAFI//<br>00/00/1978,V-----,N-----, PP 0108-0114<br>ISSUE 5<br>RESEARCH ON MORDOVO - KARMAL PETROLEUM AND ITS IN<br>STRATUM THERMAL CONVERSION PRODUCTS<br>#FSTC-HT-0246-81                 | 000000289055 |
| KURBSKIY, G. P.<br>//USPEKHI GAZOVOY KHRMATOGRAFI//<br>00/00/1978,V-----,N0005, PP 0108-0114<br>RESEARCH ON MORDOVO-KARMAL PETROLEUM AND ITS<br>IN STRATUM THERMAL CONVERSION PRODUCTS<br>ARM/FSTC-HT-0246-81                            | 000000295857 |
| KRETOV, A. YE.<br>//USPEKHI KIMI//<br>00/00/1954,V0023,N-----, PP 0105-0122<br>ISSUE 1<br>DICYANODIAMIDE AND ITS REACTIONS 27 PP                                                                                                         | 000000299459 |



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| <p>           GUO COPYRIGHT INFO REFER OTHERS TO FSTC<br/>           ARM/FSTC/MT-24-80         </p>                                                                                                                                                                                                         | # |              |
| <p>           KRETOV, A. YE.<br/>           //USPEKHI KHMII//<br/>           00/00/1954,V0023,N0001, PP 0105-0122<br/>           DICYANDIANIDE AND ITS REACTIONS<br/>           *FSTC SERIAL NO. 24-80         </p>                                                                                         | # | 000000223368 |
| <p>           TEREIN, A. N.<br/>           //USPEKHI KHMII//<br/>           00/00/1955,V0024,N0002, PP 0121-0162<br/>           MOLECULAR ECOMPLEXES AND THE SPECTRUM OF<br/>           INTERMOLECULAR ELECTRON TRANSFER 76 PP<br/>           ERD/UCRL-TRANS-10714-75         </p>                          | # | 000000017579 |
| <p>           TEREIN, A. N.<br/>           //USPEKHI KHMII//<br/>           00/00/1955,V0024,N0002, PP 0121-0162<br/>           MOLECULAR COMPLEXES AND THE SPECTRUM OF INTER<br/>           MOLECULAR ELECTRON TRANSFER 78 PP<br/>           ERDA UCRL TR-10714         </p>                               | # | 000000027080 |
| <p>           UNKNOWN<br/>           //USPEKHI KHMII//<br/>           00/00/1959,V0028,N----, PP 1134<br/>           TO ALL SCIENTIFIC WORKERS IN THE USSR CONDUCTING<br/>           WORK CONNECTED WITH MEASUREMENT OF THERMAL VALUES<br/>           NIW 1-39-60         </p>                              | # | 000000305703 |
| <p>           ZILBERMAN, Y. N.<br/>           //USPEKHI KHMII//<br/>           00/00/1960,V0029,N----, PP 0709-0735<br/>           SOME REACTIONS OF NITRILES LEADING TO THE<br/>           FORMATION OF A NEW NITROGEN CARBON BOND<br/>           NIW 10-17-60         </p>                                | # | 000000271200 |
| <p>           POPOV, V. A.<br/>           //USPEKHI KHMII//<br/>           00/00/1973,V0042,N----, PP 0273-0300<br/>           RADICALE HETEROFAZEPOLYMERISATIE 1 PP<br/>           CBT AS 73/153         </p>                                                                                              | # | 000000169489 |
| <p>           ZAKHARKIN, L. I.<br/>           //USPEKHI KHMII//<br/>           00/00/1974,V----,N0007, PP 1207-1240<br/>           METALCARBORANES 136 PP<br/>           GUO. COPYRIGHT INFORMATION OTHERS CONTACT FTD<br/>           AIR/FTD-MT-24-0868-75         </p>                                    | # | 000000013671 |
| <p>           GOLOVA, O. P.<br/>           //USPEKHI KHMII//<br/>           00/00/1975,V0044,N----, PP 1454-1474<br/>           CHEMICAL TRANSFORMATIONS OF CELLULOSE<br/>           PRODUCED BY HEATING<br/>           NTC 76-11324-07C         </p>                                                       | # | 000000084099 |
| <p>           SOKOLSKII, D. V.<br/>           //USPEKHI KHMII//<br/>           00/00/1977,V0046,N0005, PP 0828-0851<br/>           EFFECT OF RADIOACTIVE RADIATION ON CATALYTIC<br/>           PROPERTIES OF HARD MATERIALS<br/>           *THE CHEMICAL SOCIETY, LETCHWORTH (GREAT BRITAIN):#         </p> | # | 000000132181 |

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| SOKOLSKIY, D. V.<br>//USPEKHI KHIMI//<br>00/00/1977,V0046,N0005, PP 0828-0851<br>EFFECT OF RADIOACTIVE RADIATION ON CATALYTIC<br>PROPERTIES OF HARD MATERIALS<br>THE CHEMICAL SOCIETY, LETCHWORTH (GREAT BRITAIN) # | 000000167803 |
| SOKOLSKIY, D. V.<br>//USPEKHI KHIMI//<br>00/00/1977,V0046,N0005, PP 0828-0851<br>EFFECT OF RADIOACTIVE RADIATION ON CATALYTIC<br>PROPERTIES OF HARD MATERIALS<br>THE CHEMICAL SOCIETY #                             | 000000289795 |
| SOKOLSKIY, D. V.<br>//USPEKHI KHIMI//<br>00/00/1977,V0046,N0005, PP 0828-0851<br>EFFECT OF RADIOACTIVE RADIATION ON CATALYTIC<br>PROPERTIES OF HARD MATERIALS<br>THE CHEMICAL SOCIETY #                             | 000000298438 |
| UNKNOWN<br>//USPEKHI KHIMI//<br>00/03/1981,V0050,N0003, PP 0385-0544<br>RUSSIAN CHEMICAL REVIEWS PP 209-291<br>AVAIL LY SERIALS<br>ROYAL SOCIETY OF CHEMISTRY COVER TO COVER #                                      | 000000288922 |
| YUROV, S. S.<br>//USPEKHI KOSMICHESKOY BIOFIZIKA//<br>00/00/1978,V----,N----, PP 0001-0088<br>ACHIEVEMENTS IN SPACE BIOPHYSICS<br>NASA-TM-76482 #                                                                   | 000000295962 |
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| RESOLUTIONS OF THE 25TH CONGRESS OF THE CUSU 10 PP                       |  |              |
| DUO                                                                      |  |              |
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| THE ATMOSPHERE AND THE CONTINENTS 13 PP                                  |  |              |
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| VARIABILITY OF THE DISTRIBUTION OF CHEMICAL                              |  |              |
| ELEMENTS IN OCEAN WATER 13 PP                                            |  |              |
| DUO                                                                      |  |              |
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| MINERALS OF THE OCEAN FLOOR 12 PP                                        |  |              |
| DUO                                                                      |  |              |
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| IN CONNECTION WITH THE PROBLEM OF UTILIZING THE                          |  |              |
| MINERAL RESOURCES OF THE CONTINENTAL SHELF                               |  |              |
| OF THE USSR AND THE WORLD OCEAN 11 PP                                    |  |              |
| DUO                                                                      |  |              |

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| <p>BOLDYREV, YU. P.<br/> //USSR MINISTRY OF RAILWAY TRANSPORT//<br/> 00/00/0000,V----,N----,<br/> QUALITY CONTROL OF RAILS WITH THE USE OF<br/> ELECTROMAGNETIC ACOUSTIC CONVERTERS<br/> DEPT OF TRANSPORTATION FEDERAL RAILROAD ADM</p>                                                                                                                                                                            | # | 000000252371 |
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| PEKAR, I. R.<br>//USSR PATENT NR 343365//<br>22/06/1972,V----,N----, PP 0001-0002<br>CASCADE RIPPLE VOLTAGE GENERATOR 3 PP<br>DUO COPYRIGHT INFO REFER OTHERS TO FTD/STINFO<br>FTD-IDIRSIT-1892-79                                               | # | 000000203283 |
| BAYKOV, A. P.<br>//USSR PATENT NR 439063//<br>05/08/1974,V----,N----, PP 0001-0002<br>PULSE VOLTAGE GENERATOR 3 PP<br>DUO COPYRIGHT INFO REFER OTHERS TO FTD/STINFO<br>FTD-IDIRSIT-1937-79                                                       | # | 000000203305 |
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| <p>DONETS, E. D.</p>                                                                                                                                                                                                                                                                                                                                               |  |              |



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| <p>IVANOVA, V. S.<br/> //USTALOST' METALLOY I SPLAVOV//<br/> 00/00/1971,V----,N----, PP 0103-0108<br/> EFFECT OF NEOPRENE COATINGS ON THE CYCLIC FATIGUE<br/> OF SPECIMENS AND PARTS SUBJECTED TO THE ACTION OF<br/> FRETTING-CORROSION 7 PP<br/> AIR/FTD-MC-23-2124-74</p>                                                 | 000000003204 |
| <p>IVANOVA, V. S.<br/> //USTALOST' METALLOY I SPLAVOV//<br/> 00/00/1971,V----,N----, PP 0103-0108<br/> THE EFFECT OF NAIRIT COATINGS ON CYCLIC<br/> STRENGTH OF SAMPLES AND PARTS SUBJECTS TO<br/> FRETTING CORROSION<br/> FSTC-WT-23-0545-74</p>                                                                           | 000000010594 |
| <p>KHROMOV, V. N.<br/> //USTANOVKA DLYA ISSLEDOVANIYA DIFFENTSIALNOGO RASSEYANIYA BYSTRIKH PUCHOV//<br/> 00/00/1980,V----,N----, PP 0001-0024<br/> REPT PR-475<br/> DEVICE FOR STUDYING THE DIFFERENTIAL SCATTERING<br/> OF FAST BEAMS 18 PP<br/> NASA TM-76077</p>                                                         | 000000297747 |
| <p>FAVORSKIY, O. N.<br/> //USTANOVKI DLYA NEPOSREDSTVENNOGO PREOBRAZOVANIYA A TEPOVOY ENERGII V ELEKTRICHESKUYU//<br/> 00/00/1965,V----,N----, PP 0106-0161<br/> CHAPTER 3<br/> UNITS WITH MAGNETOGASODYNAMIC OR<br/> MAGNETOHYDRODYNAMIC CONVERTERS OF THERMAL ENERGY<br/> INTO ELECTRICAL<br/> #FSTC SERIAL NO 700-79</p> | 000000173140 |
| <p>FAVORSKIY, O. N.<br/> //USTANOVKI DLYA NEPSREDSTVENNOGO PREOBRAZ OVANIYA TEPOVOY ENERGII V ELEKTRICHESKUYU//<br/> 00/00/1965,V----,N----, PP 0106-0161<br/> CHAPTER 3<br/> MAGNETO-GASEOUS OR MAGNETO-HYDRODYNAMIC ENERGY<br/> CONVERSION UNITS<br/> FSTC</p>                                                            | 000000106457 |
| <p>FAVORSKIY, O. N.<br/> //USTANOVKI DLYA NEPSREDSTVENNOGO PREOBRAZOVNIYA TEPOVOY ENERGII V ELEKTRICHESKUYU//<br/> 00/00/1965,V----,N----, PP 0106-0161<br/> MAGNETO-GASEOUS OR MAGNETO-HYDRODYNAMIC ENERGY</p>                                                                                                             | 000000110857 |

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| USYUKIN, I. P.<br>//USTANDYKI MASHINY I APPARATY KRIOGENNOY TEKHNIKI CHAST' I//<br>00/00/1976,V----,N----, PP 0003-0015<br>PP 342-343<br>MACHINES, APPARATUS AND INSTALLATIONS IN CRYOGENIC<br>TECHNOLOGY<br>CSO: 8144/1893 COMPLETE SPECIAL                           | # | 000000092335 |
| USYUKIN, I. P.<br>//USTANDYKI MASHINY I APPARATY KRIOGENNOY TEKHNIKI CHAST' I//<br>00/00/1976,V----,N----, PP 0231-0236<br>ALSO PAGES 267-279<br>TRANSLATION ON LIQUID HYDROGEN, DEUTERIUM AND<br>HELIUM 23 PP<br>CSO: 8144/0091-78 COMPLETED SPECIAL                  | # | 000000178746 |
| KOLBENKOV, S. P.<br>//USTANDYKI SZHIZHENNOGO GAZA DLYA KOMMUNAL'NO BY TOVYKH I PROMYSHLENNYKH POTREBITELEY//<br>00/00/1976,V----,N----, PP 0024-0044<br>LIQUIFIED GAS FACILITIES FOR COMMUNAL AND<br>INDUSTRIAL CONSUMERS 28 PP<br>CSO: 8344/1062-79 COMPLETED SPECIAL | # | 000000207985 |
| BOLSHOV, L. A.<br>//USTANDYENIYE SPEKTRON KINETICHESKOY TURBULENTI NOSTI//<br>00/00/1979,V----,N0030, PP 0001-0030<br>ESTABLISHMENT OF THE SPECTRA OF KINETIC<br>TURBULENCE 28 PP<br>NASA-TM-75666                                                                     | # | 000000215533 |
| BOLSHOV, L. A.<br>//USTANDYENIYE SPEKTRON KINETICHESKOY TURBULENTN OSTI//<br>00/00/1979,V----,N0031, PP 0001-0030<br>ESTABLISHMENT OF THE SPECTRA OF KINETIC<br>TURBULENCE<br>*NASA TM-75666                                                                           | # | 000000267906 |
| CERMAK, V.<br>//USTAV JADERNEHO VYZKUMU REPT//<br>00/00/0000,V----,N----,<br>REPT NR. 2179<br>OPERATIONAL UNIT FOR ELEMENTARY FLUORINE<br>PRODUCTION<br>AAEC 484                                                                                                       | # | 000000039532 |
| KADERABEK, E.<br>//USTAV JADERNEHO VYZKUMU//<br>00/00/1968,V----,N----,<br>TECHNOLOGY OF MELTING AND CASTING URANIUM<br>AND ITS DILUTE ALLOYS<br>AEC/ORNL-TR-2962                                                                                                      | # | 000000169459 |
| KLIMA, J.<br>//USTAV PRO VYZKUM A VYUZITI PALIV BECHOVICE//<br>00/00/1969,V----,N----,<br>PRODUCTION OF GAS BY HIGH-PRESSURE<br>GASIFICATION OF COAL 175 PP<br>KSLA                                                                                                    | # | 000000120136 |
| HOLUB, J.<br>//USTAV PRO VYZKUM A VYUZITI PALIV, SBORNIK PRACI//                                                                                                                                                                                                       |   |              |

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| 00/00/1974,V----,N0028, PP 0043-0060<br>CONCENTRATION OF THE COKE CHARGE BY PELLETING<br>NTC 77-14285-210                                                                                                                                        |              |
| SNABL, J.<br>//USTAV PRO VYZKUM PALIV SBORNIK PRACI//<br>00/00/1968,V----,N0019, PP 0142-0180<br>PLANT FOR SCRUBBING HYDROGEN SULFIDE FROM COKE<br>OVEN GAS IN THE GAS WORKS OF CESKE BUDEJOVICE<br>28 PP<br>ATS 4681350                         | 000000265801 |
| FORAL, A.<br>//USTAV VEDECKO TECHNICKYCH INFORMACI, PRAGUE SBORNIK GENETIKA I SLECHTENI//<br>00/00/1971,V0007,N0002, PP 0103-0110<br>A STUDY OF THE DURATION OF POSTHARVEST DORMANCY<br>AND RESISTANCE OF WINTER RYE TO SPROUTING<br>NRC C-16046 | 000000041460 |
| SEHNALOVA, J.<br>//USTAV VEDECKO TECHNICKYCH INFORMACI, PRAGUE SBORNIK GENETIKA I SLECHTENI//<br>00/00/1973,V0009,N0004, PP 0303-0310<br>KEY FOR THE IDENTIFICATION OF CULTIVATED<br>AND WILD WHEAT SPECIES (TRITICUM L.)<br>NRC C-16139         | 000000041459 |
| ZAKOPAL, J.<br>//USTAV VEDECKOTECHNICKYCH INFORMACI SBORNIK UVTIC HRANA ROSLIN//<br>00/00/1967,V0003,N----, PP 0033-0042<br>INFLUENCE OF CERTAIN GROWTH STIMULATING COMPOUNDS<br>NRCC C-13845                                                    | 000000184643 |
| MOTSONELIDZE, N. S.<br>//USTOICHIVOST I SEISMOSTOIKOST KONTRFORSNYKH PLOTIN//<br>00/00/1971,V----,N----,<br>STABILITY AND EARTHQUAKE RESISTANCE OF<br>BUTTRESS DAMS 295 PP<br>#NTIS TT-75-52063                                                  | 000000035794 |
| SAMARSKIY, A. A.<br>//USTOICHIVOST' RAZNOSTYNYKH SKHEM//<br>00/00/1973,V----,N----, PP 0415<br>STABILITY OF DIFFERENCE SCHEMES 415 PP<br>ERDA/TENN P.O. NR PR-76-19                                                                              | 000000235720 |
| VANIN, G. A.<br>//USTOLCHIVOST OBOLOCEK IZ ARMITROVANNYKH MATERIALOV//<br>00/00/1978,V----,N----, PP 0026-0163<br>ALSO PP 202-211<br>THE STABILITY OF SHELLS MADE FROM REINFORCED<br>MATERIALS<br>#FTD-ID(RS)T-0115-80                           | 000000271355 |
| VELLI, YU. YA.<br>//USTOYCHIVOST' ZDANIY I SOORUZHENIY V ARKTIKE<br>00/00/1973,V----,N----,<br>STABILITY OF BUILDINGS AND INSTALLATIONS IN THE<br>ARCTIC 148 PP<br>ACSI K-4595                                                                   | 000000204889 |
| SAMSONOV, V. A.<br>//USTOYCHIVOST I BIFURKATSIYA RAVNOVESIYA TELA S ZHIKOSTYU//<br>00/00/1971,V----,N0016,<br>STABILITY AND BIFURCATION OF THE EQUILIBRIUM OF                                                                                    | 000000095121 |

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| A BODY CONTAINING A FLUID 55 PP<br>*NTIS-TT-78-59044                                                                                                                                                                                                                                                                 | # |              |
| PANOVKO, YA. G.<br>//USTOYCHIVOST I KOLEBANIYA UPUGIKH SISTEM SOVRE MENNYE KONTSEPTSII PARADOKSY I OSHIBKY//<br>00/00/1967,V----,N----,<br>STABILITY AND OSCILLATION OF ELASTIC SYSTEMS<br>MODERN CONCEPTS PARADOXES AND ERRORS<br>NASA W-13,183-123                                                                 | # | 000000211728 |
| SHIL'KRUT, D. I.<br>//USTOYCHIVOST Nelineynykh Obolochek//<br>00/00/1977,V----,N----, PP 0001-0104<br>STABILITY OF NONLINEAR SHELLS 113 PP<br>DUO COPYRIGHT INFO REFER OTHERS TO FTD/STINFO<br>FTD-IDIRSIT-0246-78                                                                                                   | # | 000000163169 |
| GRIGOLYUK, YE. I.<br>//USTOYCHIVOST Obolochek//<br>00/00/1978,V----,N----, PP 0001-0359<br>THE STABILITY OF SHELLS<br>*FTD-IDIRSIT-0600-80                                                                                                                                                                           | # | 000000311664 |
| PASHKOVSKIY, I. M.<br>//USTOYCHIVOST' I YPRAVLYAYEMOST' SAMOLETA MASHINOSTROYENIYE//<br>00/00/1975,V----,N----, PP 0001-0328<br>STABILITY AND AIRCRAFT HANDLING 730 PP<br>DUO COPYRIGHT INFORMATION REFER OTHER REQUEST<br>TO FTD/STINFO<br>FTD-IDIRSIT-1028-77                                                      | # | 000000074212 |
| VOLCHEK, VIKTOR LAZAREVICH<br>//USTOYCHIVOST' MAGNITNYKH ZAPOMINA-YUSHCHIKH UST ROYSTV//<br>00/00/1978,V----,N----, PP 0002-0007<br>ALSO PAGE 9<br>STABILITY OF MAGNETIC MEMORIES 6 PP<br>DUO<br>JPRS L/8840                                                                                                         | # | 000000232615 |
| RIKARDS, R. B.<br>//USTOYCHIVOST' Obolochek iz kompozitnykh materialov//<br>00/00/1974,V----,N----, PP 0001-0310<br>STABILITY OF SHELLS OF COMPOSITE MATERIALS 595 PP<br>DUO COPYRIGHT MATERIAL OTHERS CONTACT FTD<br>AIR/FTD-IDIRSIT-1678-75                                                                        | # | 000000030508 |
| GRIGOLYUK, E. I.<br>//USTOYCHIVOST' Obolochek//<br>00/00/1978,V----,N----, PP 0001-0359<br>STABILITY OF SHELLS 658 PP<br>DUO COPYRIGHT INFO REFER OTHERS TO FTD/STINFO<br>AIR/FTD-IDIRSIT-0600-80                                                                                                                    | # | 000000265696 |
| KHAS'MINSKIY, R. Z.<br>//USTOYCHIVOST' SISTEM DIFFERENTIAL'NYKH URAVNENIY PRI SLUCHAYNYKH VOZMUSHCHENIYAKH IKH PARAMETROV//<br>00/00/1969,V----,N----, PP 0001-0367<br>STABILITY OF THE SYSTEMS OF DIFFERENTIAL<br>EQUATIONS DURING THE RANDOM DISTURBANCES OF THEIR<br>PARAMETERS 604 PP<br>AIR/FTD-IDIRSIT-0636-76 | # | 000000051070 |
| GURIN, L. S.<br>//USTOYCHIVOST' (ROBASTNYYE) USLOVNO-EFFEKTIVNYYE O'SENKI PARAMETROV//<br>00/00/1977,V----,N----                                                                                                                                                                                                     | # | 000000295693 |

STEADY (ROBUST) CONDITIONALLY EFFECTIVE ESTIMATION  
OF PARAMETERS 14 PP  
NASA-TM-76218

SHORIN, VLADIMIR PAVLOVICH  
//USTRAYSTVA DLYA OKHLAZHDENIYA PRIEMNIKOV IZLUCHENIYA GLAVA III. TERMOELEKTRICHESKOYE OKHLAZHDENIYE//  
00/00/1980,V----,N----, PP 0002-0004  
ALSO PAGES 155-156  
ELIMINATION OF VIBRATIONS IN AVIATION PIPING 3 PP  
DUO  
JPRS L/9740

000000262649

ANTONOV, YE. I.  
//USTROYSTVA DLYA OKHLAZHDENIYA PRIEMNIKOV IZLUCHENIYA GLAVA III. TERMOELEKTRICHESKOYE OKHLAZHDENIYE//  
00/00/1969,V----,N----, PP 0073-0092  
DEVICES FOR COOLING RADIATION RECEIVERS-CHAPTER  
3. THERMOELECTRIC COOLING  
\*FSTC-IMIS-17001-030-77

000000115510

WEISS, DALIBOR  
//USTREDNI USTAV GEOLOGICKY//  
00/00/1972,V----,N----, PP 0858-0867  
ENGLISH TITLE UNKNOWN 12 PP  
CPSC P.O. NO. 75010200

000000225832

ANTONOV, YE. I.  
//USTROYSTVA DLYA OKHLAZHDENIYA PRIEMNIKOV IZLUCHENIYA//  
00/00/1969,V----,N----, PP 0073-0092  
CHAPTER 3  
THERMOELECTRIC COOLING 22 PP  
DUO COPYRIGHT INFO REFER OTHERS TO FSTC  
ARM/FSTC/AST 17001-051-77

000000228920

ANTONOV, YE. I.  
//USTROYSTVA DLYA OKHLAZHDENIYA PRIEMNIKOV IZLUCHENIYA//  
00/00/1969,V----,N----, PP 0001-0247  
CHILLERS OF RADIATION DETECTORS 522 PP  
AIR/FTD-IDIRSIT-0940-76

000000057213

GRUBOV, V. I.  
//USTROYSTVA ELEKTRONNOY VYCHISLITEL'NOY TEKHNIKI//  
00/00/1974,V----,N----, PP 0001-0094  
ORGANIZATION OF ELECTRONIC COMPUTING TECHNOLOGY  
\*FTD-IDIRSIT-2336-75

000000042717

ABRANOV, K. K.  
//USTROYSTVA I ELEMENTY PROMYSHLENNY TELEMEXHANIKI//  
00/00/1964,V----,N----, PP 0050-0054  
CAUSES FOR THE OCCURRENCE OF PULSED INTERFERENCE  
IN REMOTE-CONTROL CONNECTED AIRCIRTS 6 PP  
AIR/FTD-HT-23-1706-74

000000011096

KARINSKIY, S. S.  
//USTROYSTVA OBRABOTKI SIGNALOV NA UL'TRAZVUKOVYKH VOLNAKH//  
00/00/1975,V----,N----, PP 0176  
ULTRASONIC SURFACE WAVE DEVICES FOR PROCESSING  
SIGNALS  
DUO COPYRIGHT INFO REFER OTHERS TO FSTC  
ARM/FSTC/HT-166-78

000000263706

GURAL'NIK, A. K.  
//USTROYSTVA PAMYATI SOVREMENNYKH I PERSPEKTIVNYKH SVYM//  
00/00/1976,V----,N----, PP 0002-0005  
ALSO PP 343-344

000000058779

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| MEMORY SYSTEMS OF MODERN AND FUTURE DIGITAL<br>COMPUTERS (DESIGN AND TECHNOLOGY) 5 PP<br>GUO<br>JPRS L/6897                                                                                                                                                                         |              |
| ZAYENTSEV, VITALIY VLADLENOVICH<br>//USTROYSTVA SLOZHENIYA I RASPREDELENIYA MOSHCHNOSTEY VYSOKOCHASTOTNYKH KOLEBANIY//<br>00/00/1980,V----,N----, PP 0002<br>ALSO PP 293-295<br>HIGH-FREQUENCY-OSCILLATION POWER SUMMATION AND<br>DISTRIBUTION EQUIPMENT 3 PP<br>OUO<br>JPRS L/9682 | 000000260502 |
| ISAKOV, L. I.<br>//USTROYSTVO EKSPLOATATSIYA I REMONT PRIBOROV AVTOMATIKI NA MORSKIKH SUDAKH//<br>00/00/1977,V----,N----, PP 0001-0232<br>DESIGN OPERATION AND MAINTENANCE OF AUTOMATIC<br>APPARATUS ON SEA GOING SHIPS<br>*FTD-ID(RS)T-1387-80                                     | 000000251811 |
| UNKNOWN<br>//USTROYSTVO ELEKTROPITAYUSHCHIKH USTANOVOK PREDP RIYATIY PROVODNOY SVYAZI//<br>00/00/1956,V----,N----, PP 0002-0032<br>POWER SUPPLY OF WIRE COMMUNICATIONS ENTERPRISES<br>28 PP<br>CSO: 8344/1507A-79-COMPLETED SPECIAL                                                 | 000000191260 |
| GLUSHKOV, G. I.<br>//USTROYSTVO I EKSPLOATASIYA AERODROMOV//<br>00/00/1977,V----,N----, PP 0320<br>DESIGN AND OPERATION OF AIRFIELDS 320 PP<br>*FSTC-SERIAL NO 566-78                                                                                                               | 000000127222 |
| GLUSHKOV, G. I.<br>//USTROYSTVO I EKSPLOATATSIYA AERODROMOV//<br>00/00/1977,V----,N----, PP 0320<br>DESIGN AND OPERATION OF AIRFIELDS 443 PP<br>OUO COPYRIGHT INFO REFER OTHERS TO FSTC<br>ARM/FSTC-HT-566-78                                                                       | 000000242555 |
| MEDVEDKOV, YU. N.<br>//USTROYSTVO I EKSPLOATATSIYA BTR-60P//<br>26/09/1979,V----,N----, PP 0001-0004<br>TRAINING MANUAL FOR FIELD MILITARY VEHICLES 4 PP<br>OUO<br>JPRS L/8709                                                                                                      | 000000189027 |
| GAPONENKO, V. I.<br>//USTROYSTVO I EKSPLOATATSIYA NEFTEGAVANEV//<br>00/00/1978,V----,N----, PP 0030-0039<br>PETROLEUM TRANS SHIPMENT BUOY<br>*FSTC 594-78                                                                                                                           | 000000124674 |
| MORYAKOV, O. S.<br>//USTROYSTVO I NALADKA OBOUROOVANIYA POLUPROVODNI !OVOGO PROIZVODSTVA//<br>00/00/1976,V----,N----, PP 0001-0319<br>CONSTRUCTION AND THE ADJUSTMENT OF EQUIPMENT OF<br>SEMICONDUCTOR PRODUCTION 728 PP<br>FTD ID(RS)T-0775-78                                     | 000000139688 |
| UNKNOWN<br>//USTROYSTVO I NALADKA OBOUROOVANIYA POLUPROVODNI *OGO PROIZVOPSTVABYSHAYA SHKOLA//<br>00/00/1976,V----,N----, PP 0001-0320                                                                                                                                              | 000000148349 |

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| ENGLISH TITLE UNKNOWN<br>#FTD-IDIRSIT-0775-78                                                                                                                                                                                                              |  |              |
| ORLOV, B. V.<br>//USTROYSTVO I PROYEKTRIOVANIYE STVOLOV ARTILLERIYSKIKH DRUDIY//<br>00/00/1976,V----,N----, PP 0001-0005<br>ALSO P 14-16, 430, 431<br>BOOK DESCRIBES CONSTRUCTION AND DESIGN OF ARTILLER<br>GUN TUBES 7 PP<br>GUO<br>JPRS L/7059           |  | 000000063978 |
| UNGER, E. V.<br>//USTROYSTVO I TEKHNIЧЕСКОЕ ОБСЛУЖИВАНИЕ АВТО МОБИЛЕЙ КАМАЗ, М//<br>00/00/1976,V----,N----, PP 0001-0133<br>DESIGN AND TECHNICAL SERVICING OF KAMAZ TRUCKS<br>156 PP<br>GUO COPYRIGHT INFO REFER OTHERS TO FSTC<br>ARM/FSTC-HT-209-78      |  | 000000153044 |
| GANICHEV, IVAN A.<br>//USTROYSTVO ISKUSSTVENNYKH OSNOVANIY I FUNDAMENTOV//<br>00/00/1973,V----,N----, P<br>THE CONSTRUCTION OF ARTIFICIAL FOUNDATIONS<br>360 PP<br>ACSI K 6282                                                                             |  | 000000061992 |
| SHTEYN, I. I.<br>//USTROYSTVO KRUPNOPANEL'NYKH KRYSH//<br>00/00/1973,V----,N----,<br>LAYOUT OF LARGE-PANEL ROOFS 174 PP<br>ACSI K-4598                                                                                                                     |  | 000000204886 |
| PORTYANKO, D. YA.<br>//USTROYSTVOI EKSPLOATATSIYA AVTOMOBILEY. UCHEBNOYE POSOBIYE DLYA PODGOTOVKI//<br>00/00/1974,V----,N----, PP 0274-0323<br>DESIGN AND OPERATION OF MOTOR VEHICLES. TEXTBOOK<br>FOR DIESEL VEHICLE OPERATORS<br>AIR/FTD-IDIRSIT-2136-75 |  | 000000038636 |
| MUSSGAY<br>//UTERSUCHUNG ZUR ENTWICKLUNG EINES INAKTIVIERTEN IMPFSTOFFES GEGEN ARBOENCEPHALITIS-VIREN//<br>00/00/1976,V----,N----,<br>RESEARCH TO DEVELOP AN INACTIVATED VACCINE<br>AGAINST ARBO-ENCEPHALITIS VIRUSES 55 PP<br>ACSI K-8332                 |  | 000000088382 |
| ZWICKER, U.<br>//UTERSUCHUNGEN AN KUPFERSCHLACKENPROBEN VON ZWEI FRUHGESCHICHTLICHEN VERHUTTUNGSPLATZEN AUS TIMNA//<br>00/00/0000,V----,N----,<br>ENGLISH TITLE UNKNOWN<br>JPRS FOR SMITHSONIAN INSTITUTE                                                  |  | 000000092627 |
| TESIC-JAVANOVIC, BRANISLAVA<br>//UTICAJ NORMI SEMENA I VREMENA SETVE NA PRINOS SEMENA JEZEVICE//<br>00/00/1968,V----,N----,<br>THE INFLUENCE OF SEEDING RATE AND SOWING<br>TIME ON THE SEED YIELD OF COCKSFODOT<br>NTIS TT 72-56052                        |  | 000000015738 |
| JOVANOVIC-TESIC, BRANISLAVA<br>//UTICAJ UCESTALOSTI KOSIDBE U GOCINI SETVE NA PRINOS SEMENA JEZEVICE//<br>00/00/1974,V----,N----, PP 0003-0010<br>THE EFFECT OF MOWING FREQUENCY IN THE SOWING                                                             |  | 000000005669 |

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| YEAR ON THE SEED YIELD OF COCKS FOOT<br>NTS TT 72-56050                                                                                                                                                                                                                  |  |              |
| UNKNOWN<br>//UTILISATION D'UN BRISE-LAMES POUR LA DEFENSE D'UNE PLAGE, L'//<br>00/00/0000,V----,N----,<br>USING A BREAKWATER FOR BEACH PROTECTION 15 PP<br>ACSI K-7010                                                                                                   |  | 000000084894 |
| UNKNOWN<br>//UTILISATION DE L'ALTIMETRIE POUR LES SCIENCES DE LA TERRE APPLICATION A UNE EXPERIENCE PASSAGER SPOT TWO: PROJECT POSEIDON, CENTR<br>E NATIONAL ETU...//<br>00/00/1981,V----,N----, PP 0001-0142<br>DES SPATIALES<br>POSEIDON: UTILIZATION<br>NASA TM-76805 |  | 000000295544 |
| MEYER, C.<br>//UTILISATION DE L'ENERGIE SOLAIRE PAR LES CULTURES ACCELEREES D'ALGUES//<br>13/02/1969,V----,N----, PP 0041-0055<br>VALUE OF CROPS: QUANTITY, QUALITY AND COST PRICE<br>*NASA TM-75925                                                                     |  | 000000215726 |
| MEYER, C.<br>//UTILISATION DE L'ENERGIE SOLAIRE PAR LES CULTURES ACCELEREES D'ALGUES//<br>13/02/1969,V----,N----, PP 0041-0055<br>VALUE OF CROPS: QUANTITY, QUALITY AND COST PRICE<br>NASA TM 75925                                                                      |  | 000000231291 |
| UNKNOWN<br>//UTILISATION DES REJETS THERMIQUES DES CENTRALES ELECTRONUCLEAIRES//<br>00/00/0000,V----,N----,<br>UTILIZATION OF WASTE HEAT FROM NUCLEAR POWER<br>PLANTS<br>ERD/ORNAL/TR-4385-77                                                                            |  | 000000089803 |
| LOPES, ARTHUR<br>//UTILIZACAO DO SISTEMA DOPPLER NO IBGE, A//<br>00/00/0000,V----,N----, PP 0001-0004<br>UTILIZATION OF DOPPLER SYSTEM BY IBGE, 5 PAGES<br>DIA LN 102-78                                                                                                 |  | 000000116487 |
| SHIBATA, S.<br>//UTILIZATION OF LOW-GRADE WHEAT FLOUR. I. CHARACTERISTICS OF LOW-GRADE WHEAT FLOUR//<br>00/00/1975,V0030,N----, PP 0014-0020<br>UTILIZATION OF LOW-GRADE WHEAT FLOUR. I.<br>CHARACTERISTICS OF LOW-GRADE WHEAT FLOUR<br>*NTIS TT 77-53258                |  | 000000069146 |
| UNKNOWN<br>//UTILIZATION OF TANK DRIVER TRAINING RANGE//<br>00/00/0000,V----,N----,<br>UTILIZATION OF TANK DRIVER TRAINING RANGE<br>ACSI K 5517                                                                                                                          |  | 000000016572 |
| CORREA, F.<br>//UTILIZATION OF THORIUM IN PWR REACTORS//<br>00/00/1976,V----,N----,<br>UTILIZATION OF THORIUM IN PWR REACTORS. 117PP<br>ERDA TR-214                                                                                                                      |  | 000000072684 |
| PETERSSON, S.<br>//UTREDNING FRAN STATENS INDUSTRIVERK//<br>00/00/1980,V----,N----,                                                                                                                                                                                      |  | 000000288198 |



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| ENGLISH TITLE UNKNOWN 24 PP<br>HSE 9772                                                                                                                                                                                                                                                            |              |
| KONNAI, M.<br>//UTSUNOMIYA DAIGAKU NOGAKUBU GAKUJUTSU HOKOKU//<br>00/00/1974,V0009,N0001, PP 0095-0112<br>FUNDAMENTAL STUDIES ON RESIDUE AND MOVEMENT OF<br>FORESTRY HERBICIDES IN SOIL<br>NTC 80-11884-02F                                                                                        | 000000299040 |
| TERANAKA, M.<br>//UTSUNOMIYA DAIGAKU NOGAKUBU GAKUJUTSU HOKOKU//<br>00/00/1973,V----,N0003, PP 0010-0025<br>CULTURE OF THE MYCOPLASMA-LINE ORGANISMS ASSOCI<br>ATED WITH SEVERAL WITCHES' BROOM AND ASTER YELLOWS<br>PLANTS ON ARTIFICIAL MEDIA<br>NRC C-16148                                     | 000000053758 |
| MIYAKE, Y.<br>//UTSUNOMIYA TABAKO SHIKENJO HOKOKU//<br>00/00/1972,V----,N0011, PP 0001-0006<br>STUDIES ON PHYSIOLOGICAL TOBACCO LEAF SPOTS<br>REPORT NO. 1. CORRELATION OF OZONE SUSCEPT-<br>IBILITY AND PHYSICAL PROPERTIES IN BEL W3-R<br>IN GRAFTING<br>NTC 76-10190-020                        | 000000065537 |
| MIYAKE, Y.<br>//UTSUNOMIYA TABAKO SHIKENJO HOKOKU//<br>00/00/1972,V----,N0011, PP 0007-0013<br>STUDIES ON PHYSIOLOGICAL TOBACCO LEAF<br>SPOTS. REPORT 2. RELATIONSHIP BETWEEN OZONE<br>DAMAGE AND NITROGENOUS COMPOUNDS IN FLUE-<br>CURED TOBACCO LEAVES<br>NTC 76-10189-020                       | 000000065536 |
| UNO, Y.<br>//UTSUNOMIYA TABAKO SHIKENJO HOKOKU//<br>00/00/1972,V----,N0011, PP 0015-0022<br>STUDIES ON PHYSIOLOGICAL TOBACCO LEAF SPOTS<br>REPORT NO. 3. CORRELATION BETWEEN GLUTATHIONE<br>CONCENTRATION IN TOBACCO PLANTS AND<br>FREQUENCY OF PHYSIOLOGICAL DEFECTS BY OZONE<br>NTC 76-10188-020 | 000000065535 |
| UNO, Y.<br>//UTSUNOMIYA TABAKO SHIKENJO HOKOKU//<br>00/00/1972,V----,N0011, PP 0023-0027<br>STUDIES ON PHYSIOLOGICAL TOBACCO LEAF SPOTS<br>REPORT NO. 4 SPOTTING DEFECT AND FORMATION<br>OF ETHYLENE<br>NTC 76-10187-020                                                                           | 000000065534 |
| MIYAKE, Y.<br>//UTSUNOMIYA TABAKO SHIKENJO HOKOKU//<br>00/00/1973,V----,N0012, PP 0055-0060<br>STUDIES ON PHYSIOLOGICAL TOBACCO LEAF SPOTS.<br>REPORT NO 5. RELATIONSHIP BETWEEN OZONE LEAF<br>DAMAGE AND CONTENTS OF ASCORBIC ACID AND<br>GLUTATHIONE IN TOBACCO LEAVES<br>NTC 76-10186-020       | 000000065533 |
| MIYAKE, Y.<br>//UTSUNOMIYA TABAKO SHIKENJO HOKOKU//                                                                                                                                                                                                                                                | 000000065532 |

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| 00/00/1973,V----,N0012, PP 0061-0066<br>STUDIES ON PHYSIOLOGICAL TOBACCO LEAF<br>SPOTS REPORT NO 6 RELATIONSHIP BETWEEN<br>OZONE PHYSIOLOGICAL DAMAGE TO TOBACCO<br>LEAVES OF THE BEL W3 STRAIN AND STOMATAL<br>APERTURES<br>NTC 76-10185-020                                    | # | 000000065531 |
| MIYAKE, Y.<br>//UTSUNOMIYA TABAKO SHIKENJO HOKOKU//<br>00/00/1973,V----,N0012, PP 0067-0076<br>STUDIES ON THE PHYSIOLOGICAL TOBACCO LEAF<br>SPOTS. REPORT NO. 8. EFFECTS OF SULPHUR<br>DIOXIDE ON THE GROWTH AND CHEMICAL<br>COMPONENTS OF THE TOBACCO PLANT<br>NTC 76-10184-020 | # | 000000048292 |
| UNKNOWN<br>//UTVECKLING OCH FORSOK MED NYA SKIDOR//<br>29/09/1975,V----,N----, PP 0018<br>ARMY MATERIEL COMMAND, GM DEPT., CLOTHING<br>OFFICE<br>*FSTC AST-11501-046-75                                                                                                          | # | 000000039768 |
| UNKNOWN<br>//UUSI MAAILMA//<br>01/04/1976,V----,N----,<br>FAMILY OWNED PUBLISHING COMPANY PUBLISHES<br>SOZHENITSINS WORKS<br>CSO: 8017/2198-76 COMPLETED SPECIAL                                                                                                                 | # | 000000088320 |
| UNKNOWN<br>//UUSI MAAILMA//<br>01/04/1976,V----,N----,<br>FAMILY OWNED PUBLISHING COMPANY PUBLISHES<br>FSTC-HT-23-717-75                                                                                                                                                         | # | 000000005370 |
| UNKNOWN<br>//UUSI POLTTOPISTE//<br>19/09/1974,V----,N----, PP 0008<br>HOMEN APPOINTED DEFENSE MINISTER 4 PP<br>CSO: 8117/1618 COMPLETED SPECIAL                                                                                                                                  | # | 000000262240 |
| JUVA, ILLKA<br>//UUSI SUOMI//<br>15/02/1981,V----,N----, PP 0027<br>DIVIDED, WORRIED COMMUNIST PARTY TO SEEK REVIVAL<br>AT CONGRESS 4 PP<br>JPRS 77811                                                                                                                           | # | 000000064808 |
| UNKNOWN<br>//UUSI SUOMI//<br>20/03/1977,V----,N----, PP 0009<br>RKP'S STENBACK DISCUSSES PARTY GOALS, METHODS 6 PP<br>JPRS 69027                                                                                                                                                 | # | 000000064819 |
| UNKNOWN<br>//UUSI SUOMI//<br>20/03/1977,V----,N----, PP 0010-0011<br>CP'S SAARINEN DISCUSSES PARTY ISSUES, PROBLEMS<br>6 PP<br>JPRS 69027                                                                                                                                        | # | 000000064821 |
| UNKNOWN                                                                                                                                                                                                                                                                          |   |              |

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| <p>//UUSI SUOMI//<br/>20/03/1977,V----,N----, PP 0010-0011<br/>STALINIST LEADER SINISALO INTERVIEWED 9 PP<br/>JPRS 69027</p>                                         | # |              |
| <p>VIROLAINEN, JOHANNES<br/>//UUSI SUOMI//<br/>10/06/1977,V----,N----, PP 0013<br/>VIROLAINEN INTERVIEWED ON POLITICAL MATTERS 8 PP<br/>JPRS 69415</p>               | # | 000000077224 |
| <p>UNKNOWN<br/>//UUSI SUOMI//<br/>25/09/1977,V----,N----, PP 0010-0011<br/>SORSA FACES ECONOMIC CRISIS, PARTY UNREST 15 PP<br/>JPRS 70081</p>                        | # | 000000101214 |
| <p>YESIKANSA, JYRKI<br/>//UUSI SUOMI//<br/>18/06/1978,V----,N----, PP 0009<br/>POLL SHOWS CONSERVATIVES GAINING VOTES FROM CENTER<br/>PARTY 8 PP<br/>JPRS 71664</p>  | # | 000000134526 |
| <p>KORJUS, JAAKKO<br/>//UUSI SUOMI//<br/>25/03/1979,V----,N----, PP 0013<br/>CONSERVATIVES' PARTY SECRETARY COMMENTS ON<br/>ELECTION VICTORY 5 PP<br/>JPRS 73359</p> | # | 000000161136 |
| <p>SAARI, MATTI<br/>//UUSI SUOMI//<br/>01/04/1979,V----,N----, PP 0009<br/>CENTER'S PARTY SECRETARY COMMENTS ON POST-ELECTION<br/>LINE 5 PP<br/>JPRS 73372</p>       | # | 000000162914 |
| <p>UNKNOWN<br/>//UUSI SUOMI//<br/>14/06/1979,V----,N----, PP 0024<br/>THREE FACE CHARGES FOR SMUGGLING HASHISH FROM USSR<br/>3 PP<br/>OUO<br/>JPRS L/8631</p>        | # | 000000179921 |
| <p>KERANEN, SEPPO<br/>//UUSI SUOMI//<br/>01/07/1979,V----,N----, PP 0011<br/>MAJOR OVERHAUL AHEAD FOR CENTER PARTY 6 PP<br/>JPRS 74009</p>                           | # | 000000177909 |
| <p>HAIKIO, MARTTI<br/>//UUSI SUOMI//<br/>08/07/1979,V----,N----, PP 0002<br/>CONSERVATIVES INTEREST IN PRESIDENTIAL DISCUSSION<br/>ANALYZED 3 PP<br/>JPRS 74148</p>  | # | 000000181119 |
| <p>UNKNOWN<br/>//UUSI SUOMI//<br/>08/07/1979,V----,N----, PP 0006<br/>VIROLAINEN SAYS BEING A SPITTOON IS NO FUN 1 PP<br/>JPRS 74088</p>                             | # | 000000207723 |